



Appendix I

Rancho La Habra **AIR QUALITY IMPACT ANALYSIS** **CITY OF LA HABRA**

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LIST OF ABBREVIATED TERMS

(1)	Reference
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
$\mu\text{g}/\text{m}^3$	Microgram per Cubic Meter
AB 2595	California Clean Air Act
AQIA	Air Quality Impact Analysis
AQMD	Air Quality Management District
AQMIS	Air Quality and Meteorological Information System
AQMP	Air Quality Management Plan
BAAQMD	Bay Area Air Quality Management District
BACM	Best Available Control Measures
BMPs	Best Management Practices
BSC	Building Standards Commission
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model™
CALGreen	California Green Building Standards Code
CalEPA	California Environmental Protection Agency
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CO	Carbon Monoxide
COHb	Carboxyhemoglobin
DU	Dwelling Unit
EPA	Environmental Protection Agency
GHG	Green House Gas
lbs/day	Pounds per Day
NAAQS	National Ambient Air Quality Standards
N ₂	Nitrogen
NO	Nitric Oxide
N ₂ O	Nitrous Oxide
NO ₂	Nitrogen Dioxide
NO _x	Oxides of Nitrogen
O ₂	Oxygen
O ₃	Ozone
Pb	Lead

PM ₁₀	Particulate Matter 10 microns in diameter or less
PM _{2.5}	Particulate Matter 2.5 microns in diameter or less
PPM	Parts Per Million
Project	Rancho La Habra
ROG	Reactive Organic Gases
RECLAIM	Regional Clean Air Incentives Market
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SF	Square Feet
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SO ₄	Sulfates
SO _x	Oxides of Sulfur
TAC	Toxic Air Contaminant
TSF	Thousand Square Feet
VOC	Volatile Organic Compound
VPH	Vehicles Per Hour

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EXECUTIVE SUMMARY

This report provides a comprehensive update to and replaces the December 21, 2016 *Rancho La Habra Air Quality Impact Analysis Report*. This update incorporates updated regulatory requirements, the latest emissions modeling tools, updated project description, and updated traffic data.

ES.1 SUMMARY OF FINDINGS

The results of this *Rancho La Habra Air Quality Impact Analysis* are summarized below based on the significance criteria in Section 3 of this report consistent with Appendix G of the California Environmental Quality Act (CEQA) Guidelines (1). Table ES-1 shows the findings of significance for each potential air quality impact under CEQA before and after any required mitigation measures described below.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Regional Construction Emissions	3.4	<i>Potentially Significant</i>	<i>Less Than Significant</i>
Localized Construction Emissions	3.6	<i>Potentially Significant</i>	<i>Less Than Significant</i>
Regional Operational Emissions	3.5	<i>Less Than Significant</i>	<i>n/a</i>
Localized Operational Emissions	3.7	<i>Less Than Significant</i>	<i>n/a</i>
CO "Hot Spot" Analysis	3.8	<i>Less Than Significant</i>	<i>n/a</i>
Air Quality Management Plan	3.9	<i>Potentially Significant</i>	<i>Less Than Significant</i>
Sensitive Receptors	3.10	<i>Less Than Significant</i>	<i>n/a</i>
Odors	3.11	<i>Less Than Significant</i>	<i>n/a</i>
Cumulative Impacts	3.12	<i>Potentially Significant</i>	<i>Less Than Significant</i>

ES.2 STANDARD REGULATORY REQUIREMENTS/BEST AVAILABLE CONTROL MEASURES

Measures listed below (or equivalent language) shall appear on all Project grading plans, construction specifications and bid documents, and the City shall ensure such language is

incorporated prior to issuance of any development permits. South Coast Air Quality Management District (SCAQMD) Rules that are currently applicable during construction activity for this Project include but are not limited to Rule 403 (Fugitive Dust) (2) and Rule 1113 (Architectural Coatings) (3). It should be noted that these Best Available Control Measures (BACMs) are not mitigation as they are standard regulatory requirements. As such, credit for Rule 403 and Rule 1113 have been taken.

BACM AQ-1

The contractor shall adhere to applicable measures contained in Table 1 of Rule 403 including, but not limited to (2):

- All clearing, grading, earth-moving, or excavation activities shall cease when winds exceed 25 mph per SCAQMD guidelines in order to limit fugitive dust emissions.
- The contractor shall ensure that all disturbed unpaved roads and disturbed areas within the Project are watered at least three (3) times daily during dry weather. Watering, with complete coverage of disturbed areas, shall occur at least three times a day, preferably in the mid-morning, afternoon, and after work is done for the day.
- The contractor shall ensure that traffic speeds on unpaved roads and Project site areas are limited to 15 miles per hour or less.

BACM AQ-2

The following measures shall be incorporated into Project plans and specifications as implementation of SCAQMD Rule 1113 (3):

- Only “Low-Volatile Organic Compounds (VOC)” paints (no more than 50 gram/liter of VOC) consistent with SCAQMD Rule 1113 shall be used.

ES.3 PROJECT DESIGN FEATURES

Energy-saving and sustainable design features and operational programs would be incorporated into facilities developed pursuant to the currently-proposed Project. The Project also incorporates and expresses the following project design features (PDF) and attributes promoting energy efficiency and sustainability. Because these features/attributes are integral to the Project, and/or are regulatory requirements, they are not considered to be mitigation measures.

- Regional vehicle miles traveled (VMT) and associated vehicular-source emissions are reduced by the following Project design features/attributes:
 - Pedestrian connections shall be provided to surrounding areas consistent with the City’s General Plan. Providing a pedestrian access network to link areas of the Project site encourages people to walk instead of drive. The Project would provide a pedestrian access network that internally links all uses and connects to all existing or planned external streets and pedestrian facilities contiguous with the project site. The Project would minimize barriers to pedestrian access and interconnectivity.
- Building shells and building components, such as windows, roof systems: electrical and lighting systems, and heating, ventilating, and air conditioning systems, will be designed to meet Title 24 building energy efficiency standards. It is conservatively assumed that 2019 Title 24 Standards will

apply at the time of Project construction. 2019 Title 24 code requirements are intended to achieve 30% less energy use for non-residential buildings and 53% less energy use for residential buildings.

- To reduce water demands and associated energy use, subsequent development proposals within the Project site would be required to implement a Water Conservation Strategy and demonstrate a minimum 20% reduction in indoor and outdoor water usage when compared to baseline water demand (total expected water demand without implementation of the Water Conservation Strategy)¹.
- The Project is required to comply with SCAQMD Rule 445, which prohibits the use of wood burning stoves and fireplaces in new development
- Specified use of Energy Star appliances.
- Installation of water-efficient plumbing fixtures.
- Installation of tankless water heater systems.

ES.4 CONSTRUCTION-SOURCE MITIGATION MEASURES

MM AQ-1

All off-road construction equipment, except scrapers, shall be equipped with engines that meet the USEPA Tier 4 Final Emission Standards. Three of six scrapers shall be equipped with engines that meet the USEPA Tier 4 Final Emission Standards.² Tier 4 Final Emission Standards result in NOx emission reductions greater than 90 percent from unmitigated levels (4).³

MM AQ-2

Vehicle speed on unpaved roads will be reduced to 15 miles per hour, resulting in fugitive dust reduction of approximately 57 percent from uncontrolled levels (4).

MM AQ-3

All actively graded areas within the Project site shall be watered at 2.1-hour watering intervals (e.g., 4 times per day) or a movable sprinkler system shall be in place to ensure minimum soil moisture of 12% in maintained for actively graded areas. Moisture content can be verified with use of a moisture probe by the grading contractor.

¹ Reduction of 20% indoor and outdoor water usage is consistent with the current CalGreen Code performance standards for residential and non-residential land uses. Per CalGreen, the reduction shall be based on the maximum allowable water use per plumbing fixture and fittings as required by the California Building Standards Code.

² Engines meeting the USEPA Tier 4 final standards would only be available for 3 of the 6 scrapers, per Sukut Construction, LLC, grading contractor.

³ USEPA Tier 4 Final Emissions Standard requires that newly-manufactured off-road engines meet emission limits set forth by the USEPA for engines manufactured between 2008 and 2014. Emission requirements and associated reductions vary by engine size. CARB sets engine-fleet requirements for in-use engines.

ES.5 OPERATIONAL-SOURCE MITIGATION MEASURES

The Project would not result in an exceedance of any regional or localized operational-source emissions thresholds. As such, the Project would not result in any significant impacts and no mitigation measures are required.

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1 INTRODUCTION

This report presents the results of the air quality impact analysis (AQIA) prepared by Urban Crossroads, Inc., for the proposed Rancho La Habra (Project). The purpose of this AQIA is to evaluate the potential impacts to air quality associated with construction and operation of the proposed Project and recommend measures to mitigate impacts considered potentially significant in comparison to thresholds established by the SCAQMD.

1.1 SITE LOCATION

The proposed Rancho La Habra Project is generally located south of Imperial Highway and east of Beach Boulevard, behind Westridge Plaza and in front of the Westridge Residential, in the City of La Habra, as shown on Exhibit 1-A. The Project site is currently occupied by the Westridge Golf Club, an existing privately-owned 18-hole golf course that includes 22,500 square feet (sf) of building floor area that encompasses a golf shop, club house, restaurant/events center.

1.2 PROJECT DESCRIPTION

The Project is proposed to include the development of 145 DU condominiums/townhomes, 277 DU single-family detached residential use, 12,000 sf of specialty grocery store use, 8,000 sf of restaurant use, 22,500 sf of recreation community center use, and a 42.1-acre passive park, as shown on Exhibit 1-B.

For the purposes of this AQIA, it is assumed that the Project will be developed in a single phase with an Opening Year of 2026.

1.2.1 PROJECT LAND USE SCENARIOS

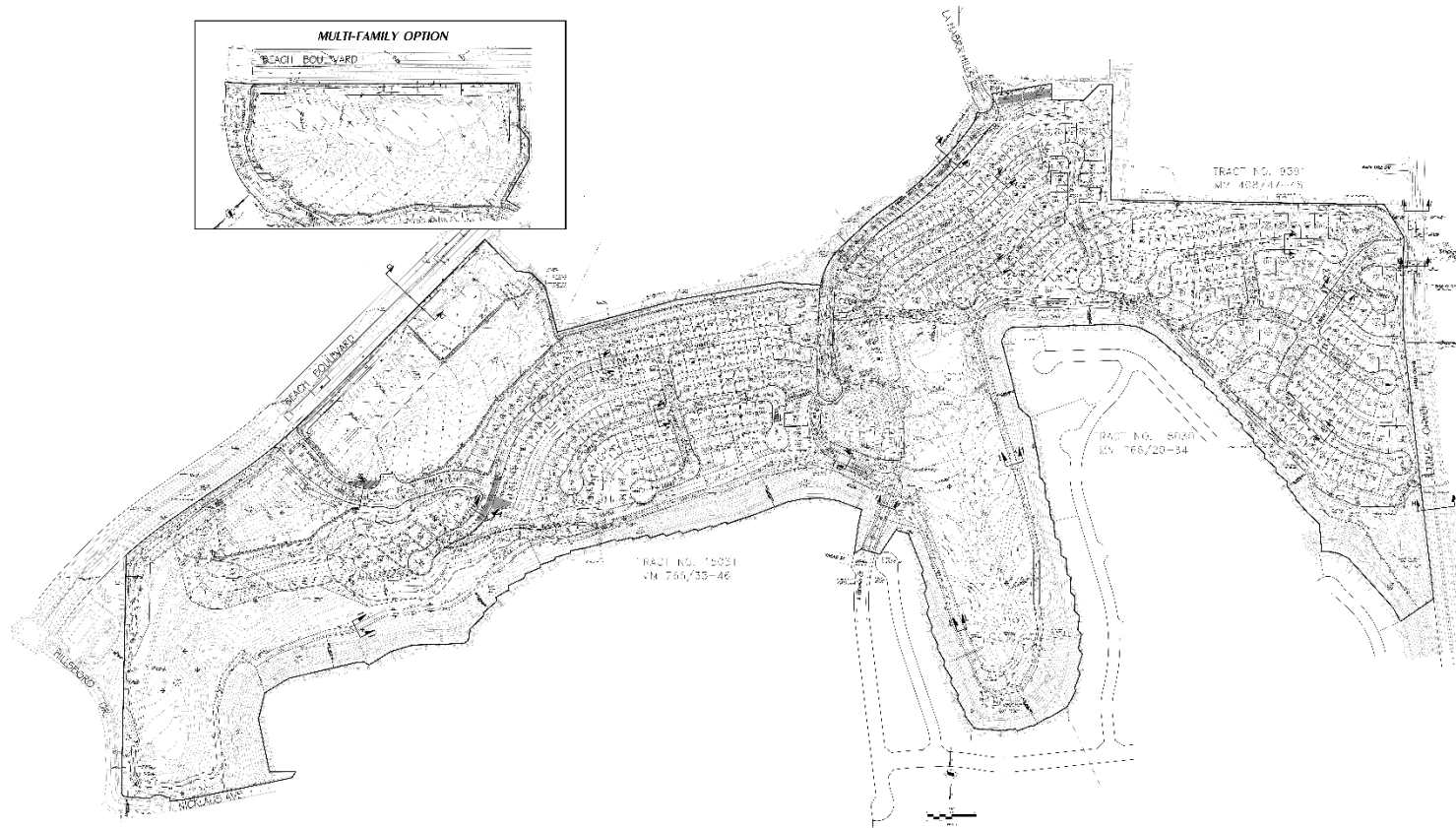
For the purpose of this report, the following scenarios are used to analyze potential operational impacts:

- Scenario 1 – Proposed Project: This scenario refers to the project uses as described above.
- Scenario 2 – Residential Option Project: The Residential Option Project includes the development of 49 townhomes/condominiums in place of the 12,000-sf specialty grocery store and the 8,000-sf restaurant. The Residential Option Project includes the development of 194 DU condominiums/townhomes, 277 DU single-family detached residential use, 22,500 sf of recreation community center use, and a 42.1-acre passive park.

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EXHIBIT 1-B: SITE PLAN



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2 AIR QUALITY SETTING

This section provides an overview of the existing air quality conditions in the Project area and region.

2.1 SOUTH COAST AIR BASIN

The Project site is located in the South Coast Air Basin (SCAB) within the jurisdiction of SCAQMD (5). The SCAQMD was created by the 1977 Lewis-Presley Air Quality Management Act, which merged four county air pollution control bodies into one regional district. Under the Act, the SCAQMD is responsible for bringing air quality in areas under its jurisdiction into conformity with federal and state air quality standards. As previously stated, the Project site is located within the SCAB, a 6,745-square mile subregion of the SCAQMD, which includes portions of Los Angeles, Riverside, and San Bernardino Counties, and all of Orange County.

The SCAB is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The Los Angeles County portion of the Mojave Desert Air Basin is bounded by the San Gabriel Mountains to the south and west, the Los Angeles / Kern County border to the north, and the Los Angeles / San Bernardino County border to the east. The Riverside County portion of the Salton Sea Air Basin is bounded by the San Jacinto Mountains in the west and spans eastward up to the Palo Verde Valley.

2.2 REGIONAL CLIMATE

The regional climate has a substantial influence on air quality in the SCAB. In addition, the temperature, wind, humidity, precipitation, and amount of sunshine influence the air quality.

The annual average temperatures throughout the SCAB vary from the low to middle 60s (degrees Fahrenheit). Due to a decreased marine influence, the eastern portion of the SCAB shows greater variability in average annual minimum and maximum temperatures. January is the coldest month throughout the SCAB, with average minimum temperatures of 47°F in downtown Los Angeles and 36°F in San Bernardino. All portions of the SCAB have recorded maximum temperatures above 100°F.

Although the climate of the SCAB can be characterized as semi-arid, the air near the land surface is quite moist on most days because of the presence of a marine layer. This shallow layer of sea air is an important modifier of SCAB climate. Humidity restricts visibility in the SCAB, and the conversion of sulfur dioxide to sulfates is heightened in air with high relative humidity. The marine layer provides an environment for that conversion process, especially during the spring and summer months. The annual average relative humidity within the SCAB is 71 percent along the coast and 59 percent inland. Since the ocean effect is dominant, periods of heavy early morning fog are frequent and low stratus clouds are a characteristic feature. These effects decrease with distance from the coast.

More than 90 percent of the SCAB's rainfall occurs from November through April. The annual average rainfall varies from approximately nine inches in Riverside to fourteen inches in

downtown Los Angeles. Monthly and yearly rainfall totals are extremely variable. Summer rainfall usually consists of widely scattered thunderstorms near the coast and slightly heavier shower activity in the eastern portion of the SCAB with frequency being higher near the coast.

Due to its generally clear weather, about three-quarters of available sunshine is received in the SCAB. The remaining one-quarter is absorbed by clouds. The ultraviolet portion of this abundant radiation is a key factor in photochemical reactions. On the shortest day of the year there are approximately 10 hours of possible sunshine, and on the longest day of the year there are approximately 14½ hours of possible sunshine.

The importance of wind to air pollution is considerable. The direction and speed of the wind determines the horizontal dispersion and transport of the air pollutants. During the late autumn to early spring rainy season, the SCAB is subjected to wind flows associated with the traveling storms moving through the region from the northwest. This period also brings five to ten periods of strong, dry offshore winds, locally termed “Santa Anas” each year. During the dry season, which coincides with the months of maximum photochemical smog concentrations, the wind flow is bimodal, typified by a daytime onshore sea breeze and a nighttime offshore drainage wind. Summer wind flows are created by the pressure differences between the relatively cold ocean and the unevenly heated and cooled land surfaces that modify the general northwesterly wind circulation over southern California. Nighttime drainage begins with the radiational cooling of the mountain slopes. Heavy, cool air descends the slopes and flows through the mountain passes and canyons as it follows the lowering terrain toward the ocean. Another characteristic wind regime in the SCAB is the “Catalina Eddy,” a low level cyclonic (counterclockwise) flow centered over Santa Catalina Island which results in an offshore flow to the southwest. On most spring and summer days, some indication of an eddy is apparent in coastal sections.

In the SCAB, there are two distinct temperature inversion structures that control vertical mixing of air pollution. During the summer, warm high-pressure descending (subsiding) air is undercut by a shallow layer of cool marine air. The boundary between these two layers of air is a persistent marine subsidence/inversion. This boundary prevents vertical mixing which effectively acts as an impervious lid to pollutants over the entire SCAB. The mixing height for the inversion structure is normally situated 1,000 to 1,500 feet above mean sea level.

A second inversion-type forms in conjunction with the drainage of cool air off the surrounding mountains at night followed by the seaward drift of this pool of cool air. The top of this layer forms a sharp boundary with the warmer air aloft and creates nocturnal radiation inversions. These inversions occur primarily in the winter, when nights are longer and onshore flow is weakest. They are typically only a few hundred feet above mean sea level. These inversions effectively trap pollutants, such as NO_x and CO from vehicles, as the pool of cool air drifts seaward. Winter is therefore a period of high levels of primary pollutants along the coastline.

2.3 WIND PATTERNS AND PROJECT LOCATION

The distinctive climate of the Project area and the SCAB is determined by its terrain and geographical location. The SCAB is located in a coastal plain with connecting broad valleys and

low hills, bounded by the Pacific Ocean in the southwest quadrant with high mountains forming the remainder of the perimeter.

Wind patterns across the south coastal region are characterized by westerly and southwesterly onshore winds during the day and easterly or northeasterly breezes at night. Winds are characteristically light although the speed is somewhat greater during the dry summer months than during the rainy winter season.

2.4 CRITERIA POLLUTANTS

Criteria pollutants are pollutants that are regulated through the development of human health based and/or environmentally based criteria for setting permissible levels. Criteria pollutants, their typical sources, and health effects are identified below (6):

TABLE 2-1: CRITERIA POLLUTANTS

Criteria Pollutant	Description	Sources	Health Effects
Carbon Monoxide (CO)	CO is a colorless, odorless gas produced by the incomplete combustion of carbon-containing fuels, such as gasoline or wood. CO concentrations tend to be the highest during the winter morning, when little to no wind and surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion engines, unlike ozone, motor vehicles operating at slow speeds are the primary source of CO in the SCAB. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections.	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.	Individuals with a deficient blood supply to the heart are the most susceptible to the adverse effects of CO exposure. The effects observed include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of decreased oxygen supply to the heart. Inhaled CO has no direct toxic effect on the lungs but exerts its effect on tissues by interfering with oxygen transport and competing with oxygen to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for oxygen supply can be adversely affected by exposure to CO. Individuals most at risk include fetuses, patients with diseases involving heart and blood vessels, and patients with chronic hypoxemia (oxygen deficiency) as seen at high altitudes.

Criteria Pollutant	Description	Sources	Health Effects
Sulfur Dioxide (SO ₂)	SO ₂ is a colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant mainly as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO ₂ oxidizes in the atmosphere, it forms sulfates (SO ₄). Collectively, these pollutants are referred to as sulfur oxides (SO _x)	Coal or oil burning power plants and industries, refineries, diesel engines	A few minutes of exposure to low levels of SO₂ can result in airway constriction in some asthmatics, all of whom are sensitive to its effects. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, are observed after acute exposure to SO₂. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO₂. Animal studies suggest that despite SO₂ being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO₂ levels. In these studies, efforts to separate the effects of SO₂ from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically, or one pollutant alone is the predominant factor.

Criteria Pollutant	Description	Sources	Health Effects
Nitrogen Oxides (Oxides of Nitrogen, or NO _x)	NO _x consist of nitric oxide (NO), nitrogen dioxide (NO ₂) and nitrous oxide (N ₂ O) and are formed when nitrogen (N ₂) combines with oxygen (O ₂). Their lifespan in the atmosphere ranges from one to seven days for nitric oxide and nitrogen dioxide, to 170 years for nitrous oxide. Nitrogen oxides are typically created during combustion processes and are major contributors to smog formation and acid deposition. NO ₂ is a criteria air pollutant and may result in numerous adverse health effects; it absorbs blue light, resulting in a brownish-red cast to the atmosphere and reduced visibility. Of the seven types of nitrogen oxide compounds, NO ₂ is the most abundant in the atmosphere. As ambient concentrations of NO ₂ are related to traffic density, commuters in heavy traffic may be exposed to higher concentrations of NO ₂ than those indicated by regional monitoring station.	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.	Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is associated with long-term exposure to NO₂ at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO₂ in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups. In animals, exposure to levels of NO₂ considerably higher than ambient concentrations result in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions. The severity of lung tissue damage associated with high levels of ozone exposure increases when animals are exposed to a combination of ozone and NO₂.
Ozone (O ₃)	O ₃ is a highly reactive and unstable gas that is formed when VOCs and NO _x , both byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight. Ozone concentrations are generally	Formed when reactive organic gases (ROG) and nitrogen oxides react in the presence of sunlight. ROG sources	Individuals exercising outdoors, children, and people with preexisting lung disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible sub-groups for ozone effects.

Criteria Pollutant	Description	Sources	Health Effects
	highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.	include any source that burns fuels, (e.g., gasoline, natural gas, wood, oil) solvents, petroleum processing and storage and pesticides.	Short-term exposure (lasting for a few hours) to ozone at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. Elevated ozone levels are associated with increased school absences. In recent years, a correlation between elevated ambient ozone levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple outdoor sports and live in communities with high ozone levels. Ozone exposure under exercising conditions is known to increase the severity of the responses described above. Animal studies suggest that exposure to a combination of pollutants that includes ozone may be more toxic than exposure to ozone alone. Although lung volume and resistance changes observed after a single exposure diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.
Particulate Matter	PM ₁₀ (Particulate Matter less than 10 microns): A major air pollutant consisting of tiny solid or liquid particles of soot, dust,	Sources of PM ₁₀ include road dust, windblown dust and construction. Also	A consistent correlation between elevated ambient fine particulate matter (PM ₁₀ and PM _{2.5}) levels and an

Criteria Pollutant	Description	Sources	Health Effects
	smoke, fumes, and aerosols. Particulate matter pollution is a major cause of reduce visibility (haze) which is caused by the scattering of light and consequently the significant reduction air clarity. The size of the particles (10 microns or smaller, about 0.0004 inches or less) allows them to easily enter the lungs where they may be deposited, resulting in adverse health effects. Additionally, it should be noted that PM₁₀ is considered a criteria air pollutant. PM_{2.5} (Particulate Matter less than 2.5 microns): A similar air pollutant to PM₁₀ consisting of tiny solid or liquid particles which are 2.5 microns or smaller (which is often referred to as fine particles). These particles are formed in the atmosphere from primary gaseous emissions that include sulfates formed from SO₂ release from power plants and industrial facilities and nitrates that are formed from NO_x release from power plants, automobiles and other types of combustion sources. The chemical composition of fine particles highly depends on location, time of year, and weather conditions. PM_{2.5} is a criteria air pollutant.	formed from other pollutants (acid rain, NO_x, SO_x, organics). Incomplete combustion of any fuel. PM_{2.5} comes from fuel combustion in motor vehicles, equipment and industrial sources, residential and agricultural burning. Also formed from reaction of other pollutants (acid rain, NO_x, SO_x, organics).	increase in mortality rates, respiratory infections, number and severity of asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. In recent years, some studies have reported an association between long-term exposure to air pollution dominated by fine particles and increased mortality, reduction in lifespan, and an increased mortality from lung cancer. Daily fluctuations in PM_{2.5} concentration levels have also been related to hospital admissions for acute respiratory conditions in children, to school and kindergarten absences, to a decrease in respiratory lung volumes in normal children, and to increased medication use in children and adults with asthma. Recent studies show lung function growth in children is reduced with long term exposure to particulate matter. The elderly, people with pre-existing respiratory or cardiovascular disease, and children appear to be more susceptible to the effects of high levels of PM₁₀ and PM_{2.5}.
Volatile Organic Compounds (VOC)	VOCs are hydrocarbon compounds (any compound containing various combinations of hydrogen and carbon atoms) that exist in the ambient air. VOCs contribute to the formation of smog through atmospheric photochemical reactions and/or may be toxic. Compounds of carbon (also known as organic	Organic chemicals are widely used as ingredients in household products. Paints, varnishes and wax all contain organic solvents, as do many cleaning, disinfecting,	Breathing VOCs can irritate the eyes, nose and throat, can cause difficulty breathing and nausea, and can damage the central nervous system as well as other organs. Some VOCs can cause cancer. Not all VOCs have all these health

Criteria Pollutant	Description	Sources	Health Effects
	compounds) have different levels of reactivity; that is, they do not react at the same speed or do not form ozone to the same extent when exposed to photochemical processes. VOCs often have an odor, and some examples include gasoline, alcohol, and the solvents used in paints. Exceptions to the VOC designation include carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate. VOCs are a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant. The terms VOC and ROG (see below) interchangeably.	cosmetic, degreasing and hobby products. Fuels are made up of organic chemicals. All of these products can release organic compounds while you are using them, and, to some degree, when they are stored.	effects, though many have several.
Reactive Organic Gases (ROG)	Similar to VOC, ROG are also precursors in forming ozone and consist of compounds containing methane, ethane, propane, butane, and longer chain hydrocarbons, which are typically the result of some type of combustion/decomposition process. Smog is formed when ROG and nitrogen oxides react in the presence of sunlight. ROG are a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant. The terms ROG and VOC (see previous) interchangeably.	Sources similar to VOCs.	Health effects similar to VOCs.
Lead (Pb)	Lead is a heavy metal that is highly persistent in the environment and is considered a criteria pollutant. In the past, the primary source of lead in the air was emissions from vehicles burning leaded gasoline. The major sources of lead emissions are ore and metals processing, particularly lead smelters, and piston-engine aircraft operating on leaded aviation gasoline. Other stationary sources include	Metal smelters, resource recovery, leaded gasoline, deterioration of lead paint.	Fetuses, infants, and children are more sensitive than others to the adverse effects of Pb exposure. Exposure to low levels of Pb can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased Pb levels are

Criteria Pollutant	Description	Sources	Health Effects
	waste incinerators, utilities, and lead-acid battery manufacturers. It should be noted that the Project does not include operational activities such as metal processing or lead acid battery manufacturing. As such, the Project is not anticipated to generate a quantifiable amount of lead emissions.		associated with increased blood pressure. Pb poisoning can cause anemia, lethargy, seizures, and death; although it appears that there are no direct effects of Pb on the respiratory system. Pb can be stored in the bone from early age environmental exposure, and elevated blood Pb levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland) and osteoporosis (breakdown of bony tissue). Fetuses and breast-fed babies can be exposed to higher levels of Pb because of previous environmental Pb exposure of their mothers.
Odor	Odor means the perception experienced by a person when one or more chemical substances in the air come into contact with the human olfactory nerves.	Odors can come from many sources including animals, human activities, industry, natures, and vehicles.	Offensive odors can potentially affect human health in several ways. First, odorant compounds can irritate the eye, nose, and throat, which can reduce respiratory volume. Second, studies have shown that the VOCs that cause odors can stimulate sensory nerves to cause neurochemical changes that might influence health, for instance, by compromising the immune system. Finally, unpleasant odors can trigger memories or attitudes linked to unpleasant odors, causing cognitive and emotional effects such as stress.

2.5 EXISTING AIR QUALITY

Existing air quality is measured at established SCAQMD air quality monitoring stations. Monitored air quality is evaluated in the context of ambient air quality standards. These standards are the levels of air quality that are considered safe, with an adequate margin of safety, to protect the public health and welfare. National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) currently in effect are shown in Table 2-2 (7).

The determination of whether a region's air quality is healthful or unhealthful is determined by comparing contaminant levels in ambient air samples to the state and federal standards. At the time of this AQIA, the most recent state and federal standards were updated by CARB on May ,4 2016 and are presented in Table 2-2. The air quality in a region is considered to be in attainment by the state if the measured ambient air pollutant levels for O₃, CO (except 8-hour Lake Tahoe), SO₂ (1 and 24 hour), NO₂, PM₁₀, and PM_{2.5} are not to be exceeded. All others are not to be equaled or exceeded. It should be noted that the three-year period is presented for informational purposes and is not the basis for how the State assigns attainment status. Attainment status for a pollutant means that the Air District meets the standards set by the EPA or the California EPA. Conversely, nonattainment means that an area has monitored air quality that does not meet the NAAQS or CAAQS standards. In order to improve air quality in nonattainment areas, a State Implementation Plan (SIP) is drafted. The SIP outlines the measures that the state will take to improve air quality. Once nonattainment areas meet the standards and additional redesignation requirements, the EPA will designate the area as a maintenance area (8).

TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (1 OF 2)

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m ³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m ³)		0.070 ppm (137 µg/m ³)		
Respirable Particulate Matter (PM10) ⁹	24 Hour	50 µg/m ³	Gravimetric or Beta Attenuation	150 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m ³		—		
Fine Particulate Matter (PM2.5) ⁹	24 Hour	—	—	35 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m ³	Gravimetric or Beta Attenuation	12.0 µg/m ³	15 µg/m ³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m ³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m ³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m ³)		9 ppm (10 mg/m ³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m ³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m ³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)		0.053 ppm (100 µg/m ³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m ³)	Ultraviolet Fluorescence	75 ppb (196 µg/m ³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m ³)	
	24 Hour	0.04 ppm (105 µg/m ³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m ³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m ³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m ³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

See footnotes on next page ...

See footnotes on next page ...

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TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (2 OF 2)

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above $150 \mu\text{g}/\text{m}^3$ is equal to or less than one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM2.5 primary standard was lowered from $15 \mu\text{g}/\text{m}^3$ to $12.0 \mu\text{g}/\text{m}^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at $35 \mu\text{g}/\text{m}^3$, as was the annual secondary standard of $15 \mu\text{g}/\text{m}^3$. The existing 24-hour PM10 standards (primary and secondary) of $150 \mu\text{g}/\text{m}^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
11. On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard ($1.5 \mu\text{g}/\text{m}^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

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2.6 REGIONAL AIR QUALITY

Air pollution contributes to a wide variety of adverse health effects. The EPA has established NAAQS for six of the most common air pollutants: O₃, PM₁₀, PM_{2.5}, CO, NO₂, SO₂ and Pb which are known as criteria pollutants. The SCAQMD monitors levels of various criteria pollutants at 37 permanent monitoring stations and 5 single-pollutant source Pb air monitoring sites throughout the air district (9). On February 20, 2019, ARB posted the 2018 amendments to the state and national area designations. See Table 2-3 for attainment designations for the SCAB (10). Appendix 2.1 provides geographic representation of the state and federal attainment status for applicable criteria pollutants within the SCAB.

TABLE 2-3: ATTAINMENT STATUS OF CRITERIA POLLUTANTS IN THE SCAB

Criteria Pollutant	State Designation	Federal Designation
O ₃ – 1-hour standard	Nonattainment	--
O ₃ – 8-hour standard	Nonattainment	Nonattainment
PM ₁₀	Nonattainment	Attainment
PM _{2.5}	Nonattainment	Nonattainment
CO	Attainment	Unclassifiable/Attainment
NO ₂	Attainment	Unclassifiable/Attainment
SO ₂	Unclassifiable/Attainment	Unclassifiable/Attainment
Pb	Attainment	Unclassifiable/Attainment

Note: See Appendix 2.1 for a detailed map of State/National Area Designations within the SCAB

-- = The national 1-hour O₃ standard was revoked effective June 15, 2005

2.7 LOCAL AIR QUALITY

Relative to the Project site, the nearest long-term air quality monitoring site for O₃, CO, and NO₂ is the SCAQMD North Orange County monitoring station, located approximately 1.31 miles north of the Project site in La Habra (SRA 16). Relative to the Project site, the nearest long-term air quality monitoring site for PM₁₀ and PM_{2.5} is the SCAQMD Central Orange County monitoring station, located approximately 5.50 miles southeast of the Project site in Anaheim (SRA 17). It should be noted that the Central Orange County monitoring station was utilized in lieu of the North Orange County monitoring station only in instances where data was not available from the North Orange County site.

The most recent three (3) years of data available is shown on Table 2-4 and identifies the number of days ambient air quality standards were exceeded for the study area, which is considered to be representative of the local air quality at the Project site. Data for O₃, CO, NO₂, PM₁₀, and PM_{2.5} for 2016 through 2018 was obtained from the SCAQMD Air Quality Data Tables (11). Additionally, data for SO₂ has been omitted as attainment is regularly met in the SCAB and few monitoring stations measure SO₂ concentrations.

TABLE 2-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2016-2018

POLLUTANT	STANDARD	YEAR		
		2016	2017	2018
O ₃				
Maximum Federal 1-Hour Concentration (ppm)		0.103	0.113	0.111
Maximum Federal 8-Hour Concentration (ppm)		0.08	0.09	0.08
Number of Days Exceeding State 1-Hour Standard	> 0.09 ppm	3	5	3
Number of Days Exceeding Federal 8-Hour Standard	> 0.07 ppm	7	12	4
Number of Days Exceeding State 8-Hour Standard	> 0.07 ppm	7	12	4
CO				
Maximum Federal 1-Hour Concentration	> 35 ppm	3.1	3.8	3.0
Maximum Federal 8-Hour Concentration	> 20 ppm	1.5	1.7	1.4
NO ₂				
Maximum Federal 1-Hour Concentration	> 0.100 ppm	0.06	0.08	0.07
PM ₁₀				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 150 µg/m ³	74.0	128.0	129
Annual Federal Arithmetic Mean (µg/m ³)		24.4	26.30	27.2
Number of Days Exceeding Federal 24-Hour Standard	> 150 µg/m ³	0	0	0
Number of Days Exceeding State 24-Hour Standard	> 50 µg/m ³	3	17	13
PM _{2.5}				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 35 µg/m ³	44.45	53.9	54.10
Annual Federal Arithmetic Mean (µg/m ³)	> 12 µg/m ³	9.47	11.39	11.02
Number of Days Exceeding Federal 24-Hour Standard	> 35 µg/m ³	1	6	3

Source: Data for O₃, CO, NO₂, PM₁₀, and PM_{2.5} was obtained from SCAQMD Air Quality Data Tables.

2.8 REGULATORY BACKGROUND

2.8.1 FEDERAL REGULATIONS

The EPA is responsible for setting and enforcing the NAAQS for O₃, CO, NO_x, SO₂, PM₁₀, and Pb (12). The EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives, and emissions sources outside state waters (Outer Continental Shelf). The EPA also establishes emission standards for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission requirements of the CARB.

The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, and 1990). The CAA establishes the federal air quality standards, the NAAQS, and specifies future dates for achieving compliance (13). The CAA also mandates that states submit and implement SIPs for local areas not meeting these

standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The 1990 amendments to the CAA that identify specific emission reduction goals for areas not meeting the NAAQS require a demonstration of reasonable further progress toward attainment and incorporate additional sanctions for failure to attain or to meet interim milestones. The sections of the CAA most directly applicable to the development of the Project site include Title I (Non-Attainment Provisions) and Title II (Mobile Source Provisions) (14) (15). Title I provisions were established with the goal of attaining the NAAQS for the following criteria pollutants O₃, NO₂, SO₂, PM₁₀, CO, PM_{2.5}, and Pb. The NAAQS were amended in July 1997 to include an additional standard for O₃ and to adopt a NAAQS for PM_{2.5}. Table 2-3 (previously presented) provides the NAAQS within the SCAB.

Mobile source emissions are regulated in accordance with Title II provisions. These provisions require the use of cleaner burning gasoline and other cleaner burning fuels such as methanol and natural gas. Automobile manufacturers are also required to reduce tailpipe emissions of hydrocarbons and NO_x. NO_x is a collective term that includes all forms of nitrogen oxides (NO, NO₂, NO₃) which are emitted as byproducts of the combustion process.

2.7.2 CALIFORNIA REGULATIONS

California Air Resource Board. The CARB, which became part of the CalEPA in 1991, is responsible for ensuring implementation of the California Clean Air Act (AB 2595), responding to the federal CAA, and for regulating emissions from consumer products and motor vehicles. AB 2595 mandates achievement of the maximum degree of emissions reductions possible from vehicular and other mobile sources in order to attain the state ambient air quality standards by the earliest practical date. The CARB established the CAAQS for all pollutants for which the federal government has NAAQS and, in addition, establishes standards for sulfates, visibility, hydrogen sulfide, and vinyl chloride. However, at this time, hydrogen sulfide and vinyl chloride are not measured at any monitoring stations in the SCAB because they are not considered to be a regional air quality problem. Generally, the CAAQS are more stringent than the NAAQS (16) (12).

Local air quality management districts, such as the MDAQMD, regulate air emissions from stationary sources such as commercial and industrial facilities. All air pollution control districts have been formally designated as attainment or non-attainment for each CAAQS.

Serious non-attainment areas are required to prepare air quality management plans that include specified emission reduction strategies in an effort to meet clean air goals. These plans are required to include:

- Application of Best Available Retrofit Control Technology to existing sources;
- Developing control programs for area sources (e.g., architectural coatings and solvents) and indirect sources (e.g. motor vehicle use generated by residential and commercial development);
- A District permitting system designed to allow no net increase in emissions from any new or modified permitted sources of emissions;

- Implementing reasonably available transportation control measures and assuring a substantial reduction in growth rate of vehicle trips and miles traveled;
- Significant use of low emissions vehicles by fleet operators;
- Sufficient control strategies to achieve a five percent or more annual reduction in emissions or 15 percent or more in a period of three years for ROG_s, NO_x, CO and PM₁₀. However, air basins may use alternative emission reduction strategy that achieves a reduction of less than five percent per year under certain circumstances.

Title 24 Energy Efficiency Standards and California Green Building Standards. California Code of Regulations Title 24 Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings, was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases greenhouse gas (GHG) emissions. The 2019 version of Title 24 was adopted by the California Energy Commission (CEC) and will become effective on January 1, 2020. As such, the analysis herein assumes compliance with the 2019 Title 24 Standards.

The CEC indicates that the 2019 Title 24 standards may require solar photovoltaic systems for new homes, establish requirements for newly constructed healthcare facilities, encourage demand responsive technologies for residential buildings, update indoor and outdoor lighting for nonresidential buildings. The CEC anticipates that single-family homes built with the 2019 standards will use approximately 7 percent less energy compared to the residential homes built under the 2016 standards. Additionally, after implementation of solar photovoltaic systems, homes built under the 2019 standards will about 53 percent less energy than homes built under the 2016 standards. Nonresidential buildings will use approximately 30 percent less energy due to lighting upgrades (17).

California Code of Regulations, Title 24, Part 11: California Green Building Standards Code (CALGreen) is a comprehensive and uniform regulatory code for all residential, commercial, and school buildings that went in effect on January 1, 2011, and is administered by the California Building Standards Commission. CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2019 California Green Building Code Standards that will be effective January 1, 2020. Local jurisdictions are permitted to adopt more stringent requirements, as state law provides methods for local enhancements. CALGreen recognizes that many jurisdictions have developed existing construction and demolition ordinances and defers to them as the ruling guidance provided, they establish a minimum 65 percent diversion requirement. The code also provides exemptions for areas not served by construction and demolition recycling infrastructure. The State Building Code provides the minimum standard that buildings must meet in order to be certified for occupancy, which is generally enforced by the local building official. 2019 CALGreen standards are applicable to the Project and require (18):

- Short-term bicycle parking. If the new project or an additional alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5 percent of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack (5.106.4.1.1).

- Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility (5.106.4.1.2).
- Designated parking. In new projects or additions to alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as shown in Table 5.106.5.2 (5.106.5.2).
- Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.405.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent (5.408.1).
- Excavated soil and land clearing debris. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phase project, such material may be stockpiled on site until the storage site is developed (5.408.3).
- Recycling by Occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive (5.410.1).
- Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:
 - Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush (5.303.3.1)
 - Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush (5.303.3.2.1). The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush (5.303.3.2.2).
 - Showerheads. Single showerheads shall have a minimum flow rate of not more than 1.8 gallons per minute and 80 psi (5.303.3.3.1). When a shower is served by more than one showerhead, the combine flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi (5.303.3.3.2).
 - Faucets and fountains. Nonresidential lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi (5.303.3.4.1). Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi (5.303.3.4.2). Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute (5.303.3.4.3). Metering faucets shall not deliver more than 0.20 gallons per cycle (5.303.3.4.4). Metering faucets for wash fountains shall have a maximum flow rate not more than 0.20 gallons per cycle (5.303.3.4.5).
- Outdoor portable water use in landscaped areas. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient (MWELO), whichever is more stringent (5.304.1).
- Water meters. Separate submeters or metering devices shall be installed for new buildings or additions in excess of 50,000 sf or for excess consumption where any tenant within a new building or within an addition that is project to consume more than 1,000 gal/day (5.303.1.1 and 5.303.1.2).

- Outdoor water use in rehabilitated landscape projects equal or greater than 2,500 sf. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 sf requiring a building or landscape permit (5.304.3).
- Commissioning. For new buildings 10,000 sf and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements (5.410.2).

2.8.3 AIR QUALITY MANAGEMENT PLANNING

Currently, the NAAQS and CAAQS are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of Air Quality Management Plans (AQMPs) to meet the state and federal ambient air quality standards (19). AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy. A detailed discussion on the AQMP and Project consistency with the AQMP is provided in Section 3.9.

2.9 EXISTING PROJECT SITE AIR QUALITY CONDITIONS

The Project site is currently developed with the Westridge Gold Club, an existing privately owned 18-hole golf course with an employee base of 60 persons and amenities which include 22,500 sf of building floor area that houses the golf shop, club house and restaurant/events center, and a practice facility that has a driving range with 35 tees/driving positions and putting greens.

The estimated operation-source emissions are summarized on Table 2-5 for Project Buildout conditions relative to emissions that generated by the existing use. Detailed operation model outputs are presented in Appendix 3.5. The existing development emissions were subtracted from the Project operational emissions to determine the new emissions from the proposed Project.

TABLE 2-5: EMISSIONS FROM EXISTING DEVELOPMENT

Existing Development Operational Activities	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer Scenario						
Total Maximum Daily Emissions	1.44	3.39	10.54	0.03	2.86	0.79
Winter Scenario						
Total Maximum Daily Emissions	1.43	3.49	10.23	0.03	2.86	0.79

Source: CalEEMod operational-source emissions for the existing development are presented in Appendix 3.5.

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3 PROJECT AIR QUALITY IMPACT

3.1 INTRODUCTION

The Project has been evaluated to determine if it will violate an air quality standard or contribute to an existing or projected air quality violation. Additionally, the Project has been evaluated to determine if it will result in a cumulatively considerable net increase of a criteria pollutant for which the SCAB is non-attainment under an applicable federal or state ambient air quality standard. The significance of these potential impacts is described in the following section.

3.2 STANDARDS OF SIGNIFICANCE

The criteria used to determine the significance of potential Project-related air quality impacts are taken from the Initial Study Checklist in Appendix G of the State CEQA Guidelines (14 California Code of Regulations §§15000, et seq.). Based on these thresholds, a project would result in a significant impact related to air quality if it would (1):

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

The SCAQMD has also developed regional significance thresholds for other regulated pollutants, as summarized at Table 3-1 (20). The SCAQMD's CEQA Air Quality Significance Thresholds (March 2015) indicate that any projects in the SCAB with daily emissions that exceed any of the indicated thresholds should be considered as having an individually and cumulatively significant air quality impact.

TABLE 3-1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS

Pollutant	Construction	Operations
Regional Thresholds		
NO _x	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM ₁₀	150 lbs/day	150 lbs/day
PM _{2.5}	55 lbs/day	55 lbs/day
SO _x	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Lead	3 lbs/day	3 lbs/day

Source: Regional Thresholds presented in this table are based on the SCAQMD Air Quality Significance Thresholds, March 2015

3.3 CALIFORNIA EMISSIONS ESTIMATOR MODEL™ EMPLOYED TO ESTIMATE AQ EMISSIONS

Land uses such as the Project affect air quality through construction-source and operational-source emissions.

On October 17, 2017, the SCAQMD in conjunction with the California Air Pollution Control Officers Association (CAPCOA) and other California air districts, released the latest version of the California Emissions Estimator Model (CalEEMod) v2016.3.2. The purpose of this model is to calculate construction-source and operational-source criteria pollutant (VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}) and greenhouse gas (GHG) emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from mitigation measures (21). Accordingly, the latest version of CalEEMod™ has been used for this Project to determine construction and operational air quality emissions. Output from the model runs for both construction and operational activity are provided in Appendices 3.1 through 3.4.

3.3.1 LAND USES MODELED IN CAL EEMOD

The Project is located on 150-acre parcel of land. As previously stated, the Project proposes to construct the following uses:

- 145 dwelling unit (DU) townhomes/condominiums
- 277 DU single-family detached homes
- 12,000 sf of specialty grocery store use
- 8,000 sf restaurant use
- 22,500 sf recreation community center use
- 42.1-acre passive park

CalEEMod does not provide an extensive selection of land use subtype categories, land uses that most closely fit the Project will be utilized. For purposes of analysis, the following land uses were modeled (22):

- 145 dwelling unit (DU) townhomes/condominiums
- 277 DU single-family detached homes
- 12,000 sf of supermarket use⁴
- 8,000 sf high turnover (sit down) restaurant use⁵
- 22,500 sf health club use⁶
- 42.1-acre city park⁷

⁴ CalEEMod defines supermarkets as free-standing retail stores selling a complete assortment of food: food preparation and wrapping materials; and household, cleaning items. Supermarkets may also contain the following products and services: ATMs, automobile supplies, bakeries, books and magazines, dry cleaning, floral arrangements, greeting cards, limited-service banks, photo centers, pharmacies and video rental areas.

⁵ High turnover (sit down) restaurant uses consists of sit-down, full-service eating establishments with turnover rates of approximately one hour or less. This type of restaurant is usually moderately priced and frequently belongs to a restaurant chain.

⁶ CalEEMod defines health clubs as privately-owned facilities that primarily focus on individual fitness or training. They provide exercise classes; weightlifting, fitness and gymnastics equipment; spas; locker rooms; and small restaurants or snack bars.

⁷ CalEEMod defines city parks as parks that are owned and operated by a city.

3.3.2 EMISSION FACTORS MODEL

Vehicle emissions were estimated using information generated within the 2017 version of the Emission Factor model (EMFAC) developed by the CARB. EMFAC2017 is a mathematical model that was developed to calculate emission rates, fuel consumption, and VMT from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the CARB to project changes in future emissions from on-road mobile sources (23). This AQIA utilizes summer, winter, and annual EMFAC2017 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season.

3.4 CONSTRUCTION EMISSIONS

Construction activities associated with the Project will result in emissions of VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}. Construction related emissions are expected from the following construction activities:

- Demolition
- Crushing
- Site Preparation
- Mass Grading
- Precise Grading
- Building Construction
- Paving
- Architectural Coating

Dust is typically a major concern during demolition and grading activities. Because such emissions are not amenable to collection and discharge through a controlled source, they are called “fugitive emissions”. Fugitive dust emissions rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). The CalEEMod model was utilized to calculate fugitive dust emissions resulting from this phase of activity.

Demolition

The Project site is currently occupied by the Westridge Golf Club. Demolition of the Golf Club would generate approximately 7,555.60 tons of debris, which would be crushed and reused onsite. Fugitive dust emissions will be generated through the crushing of rock on-site. The US EPA’s AP-42 compilation of emission factors available in Chapter 11.19.2-2 were used to estimate fugitive dust from rock crushing activities. Based on CalRecycle construction debris factors, it is estimated that approximately 1,511.11 tons per day would be processed during crushing activities for an approximate duration of 5 working days concurrent with demolition activity. Detailed crushing calculations are provided in Appendix 3.6 for review. Per discussion with the applicant, it is not expected that a detailed crushing operation will be utilized. Therefore, it is not expected that the Project will need to utilize a grinder and a conveyor making base. On-site construction equipment in Table 3-3 is expected to move crushed material within the Project site.

The emissions associated with the on-site movement of material are thus adequately captured within the analysis due to the fact that the dozers and loaders necessary to move crushed material within the Project site are included in CalEEMod and their associated fugitive dust emissions are included in the analysis.

Grading Activities

The Project is anticipated to include soil import and export within the Project site boundaries as a part of Project construction. Based on information provided by the Project Applicant, this AQIA analyzes 15,000 cubic yards of soil import along with the CalEEMod default hauling trip length of 20 miles.

Construction Worker Vehicle Trips

Construction emissions for construction worker vehicles traveling to and from the Project site, as well as vendor trips (construction materials delivered to the Project site) were estimated based on information from CalEEMod model defaults.

3.4.1 CONSTRUCTION DURATION

Construction is expected to commence in August 2020 and will last through August 2026. The construction schedule utilized in the analysis, shown in Table 3-2, represents a “worst-case” analysis scenario should construction occur any time after the respective dates since emission factors for construction decrease as time passes and the analysis year increases due to emission regulations becoming more stringent.⁸ The duration of construction activity and associated equipment represents a reasonable approximation of the expected construction fleet as required per *CEQA Guidelines*. The duration of construction activity was based on the 2026 opening year.

TABLE 3-2: CONSTRUCTION DURATION

Phase Name	Start Date	End Date	Days
Demolition	08/03/2020	08/19/2020	13
Crushing	08/03/2020	10/09/2020	50
Site Preparation	08/20/2020	11/25/2020	70
Mass Grading	11/26/2020	06/23/2021	150
Precise Grading	03/01/2021	07/22/2021	104
Building Construction	10/01/2021	08/13/2026	1,270
Paving	10/01/2021	08/13/2026	1,270
Architectural Coating	10/01/2021	08/13/2026	1,270

Source: Construction activity based the 2026 opening year

⁸ As shown in the California Emissions Estimator Model (CalEEMod) User’s Guide Version 2016.3.2, Section 4.3 “OFFROAD Equipment” as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

3.4.2 CONSTRUCTION EQUIPMENT

Site specific construction fleet may vary due to specific project needs at the time of construction. The associated construction equipment was generally based on CalEEMod 2016.3.2 defaults and consultation with the Project Applicant. A detailed summary of construction equipment assumptions by phase is provided at Table 3-3.

TABLE 3-3: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Activity	Equipment	Number	Hours Per Day
Demolition	Excavators	1	8
	Rubber Tired Dozers	1	8
	Tractors/Loaders/Backhoes	2	8
Crushing	Crushing/Proc. Equipment	1	8
Site Preparation	Tractors/Loaders/Backhoes	2	8
Mass Grading	Rubber Tired Dozers	1	8
	Scrapers	6	8
	Tractors/Loaders/Backhoes	1	8
Precise Grading	Tractors/Loaders/Backhoes	2	8
Building Construction	Cranes	1	8
	Forklifts	3	8
	Generator Sets	1	8
	Tractors/Loaders/Backhoes	3	8
	Welders	1	8
Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Air Compressors	1	8

Source: Construction equipment based on consultation with the Project Applicant

3.4.2 CONSTRUCTION EMISSIONS SUMMARY

Impacts without Mitigation

The estimated maximum daily construction emissions without mitigation are summarized on Table 3-4 and based on the assumptions outlined on Tables 3-2 and 3-3 previously presented. CalEEMod calculates maximum daily emissions for summer and winter periods. As a conservative measure, construction emissions presented in Table 3-4 are from the winter period as these emissions are higher than the summer emissions. Detailed construction model outputs are presented in Appendix 3.1. Under the assumed scenarios, emissions resulting from the Project construction will exceed criteria pollutant thresholds established by the SCAQMD for emissions of NO_x.

TABLE 3-4: OVERALL CONSTRUCTION EMISSIONS SUMMARY (WITHOUT MITIGATION)

Year	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
2020	9.26	109.86	59.19	0.17	10.13	5.61
2021	11.61	105.72	61.69	0.17	9.37	5.39
2022	11.10	43.50	51.21	0.14	8.05	3.23
2023	10.69	37.87	49.88	0.13	7.85	3.04
2024	10.43	35.87	48.92	0.13	7.70	2.90
2025	10.15	33.58	47.99	0.13	7.54	2.76
2026	10.08	33.39	47.31	0.13	7.54	2.76
Maximum Daily Emissions	11.61	109.86	61.69	0.17	10.13	5.61
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	YES	NO	NO	NO	NO

lbs/day – Pounds Per Day

Source: CalEEMod regional unmitigated construction-source emissions are presented in Appendix 3.1.

Impacts without Mitigation

The estimated maximum daily construction emissions with mitigation are summarized on Table 3-5. Detailed construction model outputs are presented in Appendix 3.2. After implementation of MMs AQ-1 through AQ-3, Project construction will not exceed criteria pollutant thresholds established by the SCAQMD for emissions of any criteria pollutant.

TABLE 3-5: OVERALL CONSTRUCTION EMISSIONS SUMMARY (WITH MITIGATION)

Year	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
2020	5.11	54.46	66.01	0.17	6.29	3.05
2021	8.71	50.98	69.79	0.17	6.60	2.78
2022	8.58	17.45	55.18	0.14	6.59	1.87
2023	8.40	14.22	53.98	0.13	6.58	1.86
2024	8.30	14.02	53.06	0.13	6.58	1.86
2025	8.22	13.82	52.26	0.13	6.58	1.86
2026	8.15	13.64	51.59	0.13	6.58	1.86
Maximum Daily Emissions	8.71	54.46	69.79	0.17	6.60	3.05
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: CalEEMod regional mitigated construction-source emissions are presented in Appendix 3.2.

3.5 OPERATIONAL EMISSIONS

Operational activities associated with the proposed Project will result in emissions of VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}. Operational emissions would be expected from the following primary sources:

- Area Source Emissions
- Energy Source Emissions
- Mobile Source Emissions

3.5.1 AREA SOURCE EMISSIONS

Architectural Coatings

Over a period of time, the buildings that are part of this Project will be subject to emissions resulting from the evaporation of solvents contained in paints, varnishes, primers, and other surface coatings as part of Project maintenance. The emissions associated with architectural coatings were calculated using the CalEEMod.

Consumer Products

Consumer products include, but are not limited to detergents, cleaning compounds, polishes, personal care products, and lawn and garden products. Many of these products contain organic compounds which when released in the atmosphere can react to form ozone and other photochemically reactive pollutants. The emissions associated with use of consumer products were calculated based on defaults provided within the CalEEMod model.

Landscape Maintenance Equipment

Landscape maintenance equipment would generate emissions from fuel combustion and evaporation of unburned fuel. Equipment in this category would include lawnmowers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers used to maintain the landscaping of the Project. The emissions associated with landscape maintenance equipment were calculated based on assumptions provided in the CalEEMod model.

3.5.2 ENERGY SOURCE EMISSIONS

Combustion Emissions Associated with Natural Gas and Electricity

Electricity and natural gas are used by almost every project. Criteria pollutant emissions are emitted through the generation of electricity and consumption of natural gas. However, because electrical generating facilities for the Project area are located either outside the region (state) or offset through the use of pollution credits (RECLAIM) for generation within the SCAB, criteria pollutant emissions from offsite generation of electricity is generally excluded from the evaluation of significance and only natural gas use is considered. The emissions associated with natural gas use were calculated using CalEEMod.

Title 24 Energy Efficiency Standards

California's Energy Efficiency Standards for Residential and Nonresidential Buildings were first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity. The 2019 version of Title 24 was adopted by the CEC and will become effective on January 1, 2020. As such, the analysis herein assumes compliance with the 2019 Title 24 Standards.

3.5.3 MOBILE SOURCE EMISSIONS

Vehicles

The Project related operational air quality impacts derive primarily from vehicle trips generated by the Project. Trip characteristics available from the *Rancho La Habra Traffic Impact Analysis Addendum* (Linscott, Law & Greenspan, Engineers, 2019) were utilized in this analysis (24).

Fugitive Dust Related to Vehicular Travel

Vehicles traveling on paved roads would be a source of fugitive emissions due to the generation of road dust inclusive of tire wear particulates. The emissions estimates for travel on paved roads were calculated using the CalEEMod model.

3.5.4 STATIONARY SOURCE EMISSIONS

The Project specialty grocery land use may require the use of an emergency generator. For analysis purposes, it is anticipated a 500 horsepower, diesel-powered emergency generator may be in use for up to 50 hours per year. Emissions associated with stationary source emissions were calculated using the CalEEMod model. According to the CalEEMod model outputs shown in Appendix 3.2, the Project would not result in any stationary source emissions.

3.5.5 OPERATIONAL EMISSIONS SUMMARY

Scenario 1 – Proposed Project

Table 3-6 summarizes the Proposed Project's daily regional emissions from on-going operations. During operational activity, the Project will not exceed the applicable thresholds of significance for emissions of any criteria pollutant. Detailed operations model outputs are presented in Appendix 3.3.

TABLE 3-6: SUMMARY OF OPERATIONAL EMISSIONS – PROPOSED PROJECT

Operational Activities – Summer Scenario	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Area Source	26.00	6.70	37.47	0.04	0.70	0.70
Energy Source	0.24	2.13	1.18	0.01	0.17	0.17
Mobile Source	13.12	26.35	108.03	0.33	36.33	9.86
Stationary Source	0	0	0	0	0	0
Total Maximum Daily Emissions	39.36	35.18	146.68	0.38	37.20	10.73
Existing Emissions	1.44	3.39	10.54	0.03	2.86	0.79
Net Emissions (Project – Existing)	37.92	31.79	136.14	0.35	34.34	9.94
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO
Operational Activities – Winter Scenario	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Area Source	26.00	6.70	37.47	0.04	0.70	0.70
Energy Source	0.24	2.13	1.18	0.01	0.17	0.17
Mobile Source	13.75	27.12	106.35	0.31	36.32	9.86
Stationary Source	0	0	0	0	0	0
Total Maximum Daily Emissions	40.00	35.95	145.01	0.37	37.19	10.73
Existing Emissions	1.43	3.49	10.23	0.03	2.86	0.79
Net Emissions (Project – Existing)	38.57	32.46	134.78	0.34	34.33	9.94
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: CalEEMod regional mitigated operational-source emissions are presented in Appendix 3.3.

Scenario 2 – Residential Option Project

Table 3-7 summarizes the Residential Option Project's daily regional emissions from on-going operations. During operational activity, the Project will not exceed the applicable thresholds of significance for emissions of any criteria pollutant. Detailed operations model outputs are presented in Appendix 3.4.

TABLE 3-7: SUMMARY OF OPERATIONAL EMISSIONS – RESIDENTIAL OPTION PROJECT

Operational Activities – Summer Scenario	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Area Source	27.76	7.48	41.82	0.05	0.78	0.78
Energy Source	0.18	1.56	0.71	0.01	0.13	0.13
Mobile Source	8.80	19.23	84.87	0.27	30.70	8.33
Stationary Source	0	0	0	0	0	0
Total Maximum Daily Emissions	36.75	28.27	127.39	0.33	31.61	9.24
Existing Emissions	1.44	3.39	10.54	0.03	2.86	0.79
Net Emissions (Project – Existing)	35.31	24.88	116.85	0.30	28.75	8.45
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO
Operational Activities – Winter Scenario	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Area Source	27.76	7.48	41.82	0.05	0.78	0.78
Energy Source	0.18	1.56	0.71	0.01	0.13	0.13
Mobile Source	9.21	19.83	82.31	0.26	30.70	8.33
Stationary Source	0	0	0	0	0	0
Total Maximum Daily Emissions	37.15	28.87	124.84	0.32	31.61	9.24
Existing Emissions	1.43	3.49	10.23	0.03	2.86	0.79
Net Emissions (Project – Existing)	35.72	25.38	114.61	0.29	28.75	8.45
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: CalEEMod regional mitigated operational-source emissions are presented in Appendix 3.4.

3.6 LOCALIZED SIGNIFICANCE - CONSTRUCTION ACTIVITY

BACKGROUND ON LOCALIZED SIGNIFICANCE THRESHOLD (LST) DEVELOPMENT

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology) (25). The SCAQMD has established that impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs).

The significance of localized emissions impacts depends on whether ambient levels in the vicinity of any given project are above or below State standards. In the case of CO and NO₂, if ambient levels are below the standards, a project is considered to have a significant impact if project

emissions result in an exceedance of one or more of these standards. If ambient levels already exceed a state or federal standard, then project emissions are considered significant if they increase ambient concentrations by a measurable amount. This would apply to PM₁₀ and PM_{2.5}; both of which are non-attainment pollutants.

The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4⁹. LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

LSTs were developed in response to environmental justice and health concerns raised by the public regarding exposure of individuals to criteria pollutants in local communities. To address the issue of localized significance, the SCAQMD adopted LSTs that show whether a project would cause or contribute to localized air quality impacts and thereby cause or contribute to potential localized adverse health effects. The analysis makes use of methodology included in the *LST Methodology* (26).

APPLICABILITY OF LSTs FOR THE PROJECT

For this Project, the appropriate Source Receptor Area (SRA) for the LST analysis is the SCAQMD North Orange County monitoring station (SRA 16). LSTs apply to CO, NO₂, PM₁₀, and PM_{2.5}. The SCAQMD produced look-up tables for projects less than or equal to 5 acres in size.

In order to determine the appropriate methodology for determining localized impacts that could occur as a result of Project-related construction, the following process is undertaken:

- CalEEMod is utilized to determine the maximum daily on-site emissions that will occur during construction activity.
- The SCAQMD's Fact Sheet for Applying CalEEMod to Localized Significance Thresholds (27) is used to determine the maximum site acreage that is actively disturbed based on the construction equipment fleet and equipment hours as estimated in CalEEMod.
- If the total acreage disturbed is less than or equal to five acres per day, then the SCAQMD's screening look-up tables are utilized to determine if a project has the potential to result in a significant impact. The look-up tables establish a maximum daily emissions threshold in pounds per day that can be compared to CalEEMod outputs.
- If the total acreage disturbed is greater than five acres per day, then LST impacts can be evaluated through dispersion modeling.

EMISSIONS CONSIDERED

SCAQMD's *LST Methodology* states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs (25)." Therefore, for purposes of the construction

⁹ The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "...equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

LST analysis, only emissions included in the CalEEMod “on-site” emissions outputs were considered.

CONSTRUCTION-SOURCE EMISSIONS LST ANALYSIS

Table 3-7 is used to determine the maximum daily disturbed-acreage for use in determining the applicability of the SCAQMD’s LST look-up tables. As shown in Table 3-9, the Project could actively disturb approximately 6.5 acres per day during grading activity. The equipment-specific grading rates are summarized in the CalEEMod user’s guide, *Appendix A: Calculation Details for CalEEMod* (October 2017). As such, dispersion modeling is utilized to calculate emissions for LSTs for peak grading activity which represents a conservative i.e. “worst-case” analytical scenario for purposes of construction LSTs since grading activity represents the peak construction emissions scenario.

TABLE 3-7: MAXIMUM DAILY DISTURBED-ACREAGE

Construction Phase	Equipment Type	Equipment Quantity	Acres graded per 8 hour day	Operating Hours per Day	Acres graded per day
Grading	Tractors	0	0.5	8	0
	Graders	0	0.5	8	0
	Rubber Tired Dozers	1	0.5	8	0.5
	Scrapers	6	1	8	6.0
Total acres graded per day during Grading					6.5

Source: Maximum daily disturbed acreage based on equipment list presented in Appendix 3.1.

Dispersion Modeling

In order to estimate localized pollutant concentrations resulting from Project construction, the SCAQMD-approved AERMOD dispersion model was utilized. The modeling approach utilized is discussed as follows:

Sources

As discussed above, construction activity is anticipated to disturb a maximum area of approximately 6.5 acres on any given day (during peak grading activity), thus it was conservatively estimated that emissions would be concentrated over this area. It should be noted that in order to model worst-case conditions, the highest daily peak emissions resulting from grading activity were utilized.

To model fugitive dust emissions (PM₁₀ and PM_{2.5}) resulting from Project grading activity, an area source of 6.5 acres was utilized. Per SCAQMD LST methodology, a ground level release height and a 1 meter (~3.28 feet) initial vertical dimension (sigma z) were utilized to account for the vertical spread of emissions. Additionally, dry depletion parameters consistent with LST methodology were utilized.

To account for equipment exhaust emissions of PM₁₀, PM_{2.5}, NO₂, and CO, a total of 16 volume sources measuring 40 meters by 40 meters were spread over an area of approximately 6.5 acres.

To represent equipment exhaust emissions, a release height of 5.0 meters was utilized, which is consistent with SCAQMD's LST guidance.

Sensitive Receptors

Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, individuals with pre-existing respiratory or cardiovascular illness, and athletes and others who engage in frequent exercise. Structures that house these persons or places where they gather to exercise are defined as "sensitive receptors"; they are also known to be locations where an individual can remain for 24 hours.

The nearest sensitive receptor land use is located at the residential community located immediately adjacent and south of the Project site.

Meteorological Data and Model Options

To account for meteorological conditions at the Project site, data from the Fullerton Airport monitoring station was utilized, as this is the nearest station to the Project site for which meteorological data is available. Additionally, per SCAQMD LST methodology, a receptor height of 2.0 meters and regulatory default options, and the urban dispersion coefficient were utilized.

CONSTRUCTION-SOURCE EMISSIONS LST ANALYSIS

Impacts Without Mitigation

Without BACMs and mitigation, emissions during the peak construction activity will exceed the SCAQMD's localized significance thresholds for emissions of NO₂ and PM₁₀. Table 3-8 identifies the localized impacts at the nearest receptor location in the vicinity of the Project without mitigation.

TABLE 3-8: LOCALIZED SIGNIFICANCE SUMMARY GRADING (WITHOUT MITIGATION)

Grading	CO		NO ₂	PM ₁₀	PM _{2.5}
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	
Peak Day Localized Emissions	0.17	0.08	0.17	18.58	6.98
Background Concentration ^A	3.8	1.7	0.09		
Total Concentration	3.97	1.78	0.26	18.58	6.98
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	NO	NO	YES	YES	NO

^A Highest concentration from the last three years of available data

Note: PM₁₀ and PM_{2.5} concentrations are expressed in µg/m³. All others are expressed in ppm

Impacts With Mitigation

After the implementation of applicable BACMs and mitigation measures (outlined in ES.2 and ES.4), emissions during the peak construction activity will not exceed the SCAQMD's localized significance threshold for any of the applicable emissions. Table 3-9 identifies the localized impacts with implementation of BACMs and mitigation measures at the nearest receptor location

in the vicinity of the Project. Outputs from the model runs for construction LSTs are provided in Appendix 3.4.

TABLE 3-9: LOCALIZED SIGNIFICANCE SUMMARY GRADING (WITH MITIGATION)

Grading	CO		NO ₂	PM ₁₀	PM _{2.5}
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	
Peak Day Localized Emissions	0.17	0.08	0.08	5.09	2.19
Background Concentration ^A	3.8	1.7	0.09		
Total Concentration	3.97	1.78	0.17	5.09	2.19
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	NO	NO	NO	NO	NO

A Highest concentration from the last three years of available data

Note: PM10 and PM2.5 concentrations are expressed in µg/m³. All others are expressed in ppm

3.7 LOCALIZED SIGNIFICANCE – LONG-TERM OPERATIONAL ACTIVITY

The Project is located on a 150-acre parcel. As noted previously, the LST methodology provides look-up tables for sites with an area with daily disturbance of 5 acres or less. For projects that exceed 5 acres, the 5-acre LST look-up tables can be used as a screening tool to determine which pollutants require additional detailed analysis. This approach is conservative as it assumes that all on-site emissions associated with the project would occur within a concentrated 5-acre area. This screening method would therefore over-predict potential localized impacts, because by assuming that on-site operational activities are occurring over a smaller area, the resulting concentrations of air pollutants are more highly concentrated once they reach the smaller site boundary than they would be for activities if they were spread out over a larger surface area. On a larger site, the same amount of air pollutants generated would disperse over a larger surface area and would result in a lower concentration once emissions reach the project-site boundary. As such, LSTs for a 5-acre site during operations are used as a screening tool to determine if further detailed analysis is required.

Table 3-10 shows the calculated emissions for the Project's operational activities compared with the applicable LSTs. The LST analysis includes on-site sources only; however, the CalEEMod™ model outputs do not separate on-site and off-site emissions from mobile sources. In an effort to establish a maximum potential impact scenario for analytic purposes, the emissions shown on Table 3-10 represent all on-site Project-related stationary (area) sources and five percent (5%) of the Project-related mobile sources. Considering that the trip lengths used in CalEEMod™ for the Project are approximately 16 miles, 5% of this total would represent an on-site travel distance of approximately 0.8 miles.

It should be noted that the Project site in its entirety spans the equivalent of approximately 1 mile. Thus, the 5% assumption (0.8-mile on-site travel) is conservative and would tend to overstate the actual impact – since not every vehicle would travel the entire distance of the Project site (from one end to the other). Modeling based on these assumptions demonstrates that even within broad encompassing parameters, Project operational-source emissions would not exceed applicable LSTs.

As previously stated, the nearest sensitive receptor land use is located immediately adjacent to the Project site.

It should be noted that the LST Methodology also states that *“It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters (25).”* Consistent with the SCAQMD’s LST Methodology, a 25-meter receptor distance is utilized in this analysis and provide for a conservative i.e. “health protective” standard of care.

OPERATIONAL-SOURCE EMISSIONS LST ANALYSIS

Scenario 1 – Proposed Project

As shown on Table 3-10 operational emissions will not exceed the LST thresholds for the nearest sensitive receptor. As shown, Project operational-source emissions would not exceed the numerical thresholds of significance established by the SCAQMD for any criteria pollutant. Thus, a less than significant impact would occur for Project-related operational-source emissions and no additional mitigation is required.

TABLE 3-10: PEAK LOCALIZED OPERATIONAL EMISSIONS – PROPOSED PROJECT

Operational Activity	Emissions (pounds per day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	10.18	44.05	2.69	1.36
SCAQMD Localized Threshold	221	1,311	3	2
Threshold Exceeded?	NO	NO	NO	NO

Source: CalEEMod localized operational-source emissions are presented in Appendix 3.4.

Scenario 1 – Residential Option Project

As shown on Table 3-11 operational emissions will not exceed the LST thresholds for the nearest sensitive receptor. As shown, Project operational-source emissions would not exceed the numerical thresholds of significance established by the SCAQMD for any criteria pollutant. Thus, a less than significant impact would occur for Project-related operational-source emissions and no additional mitigation is required.

TABLE 3-11: PEAK LOCALIZED OPERATIONAL EMISSIONS – RESIDENTIAL OPTION PROJECT

Operational Activity	Emissions (pounds per day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	10.03	46.77	2.45	1.33
SCAQMD Localized Threshold	221	1,311	3	2
Threshold Exceeded?	NO	NO	NO	NO

Source: CalEEMod localized operational-source emissions are presented in Appendix 3.4.

3.8 CO “HOT SPOT” ANALYSIS

As discussed below, the Project would not result in potentially adverse CO concentrations or “hot spots.” Further, detailed modeling of Project-specific CO “hot spots” is not needed to verify this conclusion.

An adverse CO concentration, known as a “hot spot”, would occur if an exceedance of the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm were to occur. At the time of the 1993 Handbook, the SCAB was designated nonattainment under the CAAQS and NAAQS for CO (28).

It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. In response, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment, as previously noted in Table 2-3. Also, CO concentrations in the Project vicinity have steadily declined, as indicated by historical emissions data presented previously at Table 2-4.

To establish a more accurate record of baseline CO concentrations affecting the SCAB, a CO “hot spot” analysis was conducted in 2003 for four busy intersections in Los Angeles at the peak morning and afternoon time periods. This “hot spot” analysis did not predict any violation of CO standards, as shown on Table 3-12.

TABLE 3-12: CO MODEL RESULTS

Intersection Location	CO Concentrations (ppm)		
	Morning 1-hour	Afternoon 1-hour	8-hour
Wilshire Blvd./Veteran Ave.	4.6	3.5	3.7
Sunset Blvd./Highland Ave.	4	4.5	3.5
La Cienega Blvd./Century Blvd.	3.7	3.1	5.2
Long Beach Blvd./Imperial Hwy.	3	3.1	8.4

Source: 2003 AQMP

Notes: ppm: parts per million. Federal 1-hour standard is 35 ppm and the deferral 8-hour standard is 9.0 ppm.

Based on the SCAQMD's 2003 AQMP and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SCAB were a result of unusual meteorological and topographical conditions and not a result of traffic volumes and congestion at a particular intersection. As evidence of this, for example, 9.3 ppm 8-hr CO concentration measured at the Long Beach Blvd. and Imperial Hwy. intersection (highest CO generating intersection within the “hot spot” analysis), only 0.7 ppm was attributable to the traffic volumes and congestion at this intersection; the remaining 8.6 ppm were due to the ambient air measurements at the time the 2003 AQMP was prepared (29). In contrast, the ambient 8-hr CO

concentration within the Project study area is estimated at 1.4 ppm—1.6 ppm (please refer to previous Table 2-3). Therefore, even if the traffic volumes for the proposed Project were double or even triple of the traffic volumes generated at the Long Beach Blvd. and Imperial Hwy. intersection, coupled with the on-going improvements in ambient air quality, the Project would not be capable of resulting in a CO “hot spot” at any study area intersections.

Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District (BAAQMD) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (30).

Traffic volumes generating the CO concentrations for the “hot spot” analysis, shown on Table 3-13. The busiest intersection evaluated was that at Wilshire Blvd. and Veteran Ave., which has a daily traffic volume of approximately 100,000 vehicles per day. The 2003 AQMP estimated that the 1-hour concentration for this intersection was 4.6 ppm; this indicates that, should the daily traffic volume increase four times to 400,000 vehicles per day, CO concentrations ($4.6 \text{ ppm} \times 4 = 18.4 \text{ ppm}$) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm).¹⁰ At buildout of the Project, the highest daily traffic volumes generated at the roadways within the vicinity of the Project are expected to generate less than the highest daily traffic volumes generated at the busiest intersection in the CO “hot spot” analysis. As such, the Project would not likely exceed the most stringent 1-hour CO standard.

The proposed Project considered herein would not produce the volume of traffic required to generate a CO “hot spot” either in the context of the 2003 Los Angeles hot spot study or based on representative BAAQMD CO threshold considerations. Therefore, CO “hot spots” are not an environmental impact of concern for the proposed Project. Localized air quality impacts related to mobile-source emissions would therefore be less than significant.

¹⁰ Based on the ratio of the CO standard (20.0 ppm) and the modeled value (4.6 ppm).

TABLE 3-13: TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Eastbound (AM/PM)	Westbound (AM/PM)	Southbound (AM/PM)	Northbound (AM/PM)	Total (AM/PM)
Wilshire Blvd./Veteran Ave.	4,954/2,069	1,830/3,317	721/1,400	560/933	8,062/7,719
Sunset Blvd./Highland Ave.	1,417/1,764	1,342/1,540	2,304/1,832	1,551/2,238	6,614/5,374
La Cienega Blvd./Century Blvd.	2,540/2,243	1,890/2,728	1,384/2,029	821/1,674	6,634/8,674
Long Beach Blvd./Imperial Hwy.	1,217/2,020	1,760/1,400	479/944	756/1,150	4,212/5,514

Source: 2003 AQMP

Notes: vph-vehicles per hour

3.9 AIR QUALITY MANAGEMENT PLANNING

The Project site is located within the SCAB, which is characterized by relatively poor air quality. The SCAQMD has jurisdiction over an approximately 10,743 square-mile area consisting of the four-county Basin and the Los Angeles County and Riverside County portions of what use to be referred to as the Southeast Desert Air Basin. In these areas, the SCAQMD is principally responsible for air pollution control, and works directly with the SCAG, county transportation commissions, local governments, as well as state and federal agencies to reduce emissions from stationary, mobile, and indirect sources to meet state and federal ambient air quality standards.

Currently, these state and federal air quality standards are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In March 2017, the AQMD released the Final 2016 AQMP. The 2016 AQMP continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as, explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (31). Similar to the 2012 AQMP, the 2016 AQMP incorporates scientific and technological information and planning assumptions, including the 2016 RTP/SCS, a planning document that supports the integration of land use and transportation to help the region meet the federal Clean Air Act requirements (19). The Project's consistency with the AQMP will be determined using the 2016 AQMP as discussed below.

Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the SCAQMD's CEQA Air Quality Handbook (1993) (32). These indicators are discussed below:

Consistency Criterion No. 1: The proposed Project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

The violations that Consistency Criterion No. 1 refers to are the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if regional or localized significance thresholds were exceeded.

Construction Impacts – Consistency Criterion 1

Consistency Criterion No. 1 refers to violations of the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if LSTs or regional significance thresholds were exceeded. As evaluated, the Project's regional and localized construction-source emissions would not exceed applicable regional significance threshold and LST thresholds. As such, a less than significant impact is expected.

Operational Impacts – Consistency Criterion 1

As evaluated, the Project's regional and localized operational-source emissions would not exceed applicable regional significance threshold and LST thresholds. As such, a less than significant impact is expected.

On the basis of the preceding discussion, the Project is determined to consistent with the first criterion.

Consistency Criterion No. 2: The Project will not exceed the assumptions in the AQMP based on the years of Project build-out phase.

The 2016 AQMP demonstrates that the applicable ambient air quality standards can be achieved within the timeframes required under federal law. Growth projections from local general plans adopted by cities in the district are provided to the SCAG, which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. Development consistent with the growth projections in City of La Habra General Plan is considered to be consistent with the AQMP.

Construction Impacts

Peak day emissions generated by construction activities are largely independent of land use assignments, but rather are a function of development scope and maximum area of disturbance. Irrespective of the site's land use designation, development of the site to its maximum potential would likely occur, and it is conservative assumed that disturbance of the entire site would occur during construction activities.

Operational Impacts

The City of La Habra General Plan designates the Project site as Open Space-Parks/Flood Channels. This land use designation is characterized by buildings, facilities, and recreational areas within City owned mini, neighborhood, and community parks. Also includes landscape buffers and flood control channels, which typically are not developed as recreational open space, but do

represents a resource to the community (33). The Project site is zoned as part of the La Habra Hills Specific Plan. Under the La Habra Hills Specific Plan, the Project has a zoning designation of Open Space/Golf Course (34).

As previously stated, the proposed Project proposes to construct 145 DU condominiums/townhomes, 277 DU single-family detached residential use, 12,000 sf of specialty grocery store use, 8,000 sf of restaurant use, 22,500 sf of recreation community center use, and a 42.1-acre passive park. The Project would exceed the growth intensities allowed within the current land designation and zoning designation.

The Residential Option includes the development of 49 townhomes/condominiums in place of the 12,000-sf specialty grocery store and the 8,000-sf restaurant. The Residential Option Project includes the development of 194 DU condominiums/townhomes, 277 DU single-family detached residential use, 22,500 sf of recreation community center use, and a 42.1-acre passive park. The Residential Option would exceed the growth intensities allowed within the current land designation and zoning designation.

On the basis of the preceding discussion, the Project is determined to be inconsistent with the second criterion.

AQMP Consistency Conclusion

The Project would exceed the growth intensities allowed within the current land designation and zoning designation. The Project is therefore considered to be inconsistent with the AQMP. However, as documented by the preceding discussion, with the recommended mitigation measures the Project would not result in or cause NAAQS or CAAQS violations under either of the two development scenarios.

3.10 POTENTIAL IMPACTS TO SENSITIVE RECEPTORS

The potential impact of Project-generated air pollutant emissions at sensitive receptors has also been considered.

Results of the LST analysis indicate that with recommended mitigation measures, the Project would not exceed the SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations during Project construction.

Results of the LST analysis indicate that the Project would not exceed the SCAQMD localized significance thresholds during operational activity. Further Project traffic would not create or result in a CO "hotspot." Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations as the result of Project operations.

TOXIC AIR POLLUTANTS – PROJECT CONSTRUCTION

It is our understanding that comments received on the prior EIR requested the inclusion of a construction health risk assessment (HRA) due to the Project's potential to emit diesel particulate matter (DPM) during construction activity. The request to prepare a construction HRA is largely based on guidance from the Office of Environmental Health Hazard Assessment (OEHA).

Urban Crossroads, Inc. has reviewed the referenced OEHHA guidance¹¹ to determine applicability of the use of early life exposure adjustments to diesel particulate matter (DPM) emissions. For risk assessments conducted under the auspices of The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588), OEHHA applies specific adjustment factors to all carcinogens regardless of purported mechanism of action. Notwithstanding, applicability of AB 2588 is limited to commercial and industrial operations. There are two broad classes of facilities subject to the AB 2588 Program: Core facilities and facilities identified within discrete industry-wide source categories. Core facilities subject to AB 2588 compliance are sources whose criteria pollutant emissions (particulate matter, oxides of sulfur, oxides of nitrogen and volatile organic compounds) are 25 tons per year or more as well as those facilities whose criteria pollutant emissions are 10 tons per year or more but less than 25 tons per year. Industry-wide source facilities are classified as smaller operations with relatively similar emission profiles (e.g., auto body shops, gas stations and dry cleaners using perchloroethylene). The emissions generated from off-road mobile sources are not classified as core operations nor subject to industry-wide source evaluation.

Additionally, in comments presented to the SCAQMD Governing Board (Meeting Date: June 5, 2015, Agenda No. 28) relating to toxic air contaminant exposures under Rules 1401, 1401.1, 1402 and 212 revisions, use of the OEHHA guidelines specifically related to the applicability and use of early-life exposure adjustments for projects subject to CEQA, it was reported that¹²:

"The Proposed Amended Rules are separate from the CEQA significance thresholds. The SCAQMD staff is currently evaluating how to implement the Revised OEHHA Guidelines under CEQA. The SCAQMD staff will evaluate a variety of options on how to evaluate health risks under the Revised OEHHA Guidelines under CEQA. The SCAQMD staff will conduct public workshops to gather input before bringing recommendations to the Governing Board. In the interim, staff will continue to use the previous guidelines for CEQA determinations."

To date, the SCAQMD, as a commenting agency, has not conducted public workshops nor developed policy relating to the application of early-life exposure adjustments utilizing OEHHA guidance for projects prepared by other public/lead agencies subject to CEQA.

As a result, it is recommended that health risk assessments rely upon U.S. EPA relating to the use of early life exposure adjustment factors (*Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens*, EPA/630/R-003F) whereby adjustment factors are only considered when carcinogens act "through the mutagenic mode of action." A mutagen is a physical or chemical agent that changes genetic material, such as DNA, increasing the frequency of mutations to produce carcinogenic effects. The use of adjustment factors is recommended to account for the susceptibility of producing adverse health effects during early life stages from exposure to these mutagenic compounds.

¹¹ http://oehha.ca.gov/air/hot_spots/hotspots2015.html

¹² See Response to Comment #13, Page A-7 and A-8 of the June 5, 2015 board meeting Agenda No. 28. <http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2015/2015-jun1-028>

In 2006, U.S. EPA published a memorandum which provides guidance regarding the preparation of health risk assessments should carcinogenic compounds elicit a mutagenic mode of action (USEPA, 2006¹³). As presented in the technical memorandum, numerous compounds were identified as having a mutagenic mode of action. For diesel particulates, polycyclic aromatic hydrocarbons (PAHs) and their derivatives, which are known to exhibit a mutagenic mode of action, comprise < 1% of the exhaust particulate mass. To date, the U.S. Environmental Protection Agency reports that whole diesel engine exhaust has not been shown to elicit a mutagenic mode of action (USEPA, 2018¹⁴).

Additionally, the California Department of Toxic Substances Control (DTSC) which is charged with protecting individuals and the environment from the effects of toxic substances and responsible for assessing, investigating and evaluating sensitive receptor populations to ensure that properties are free of contamination or that health protective remediation levels are achieved has adopted the U.S. EPA's policy in the application of early-life exposure adjustments which is consistent with the methodology considered herein. As such, incorporation of early-life exposure adjustments for exposures to DPM emissions in the quantification of carcinogenic risk for construction of the proposed are not considered.

Given that there is no available guidance that has been adopted by SCAQMD for CEQA purposes and the fact that the Project does not emit any pollutants that elicit a primary mutagenic mode of action, the use of the OEHHHA guidelines to determine potential construction health risks would not be appropriate and therefore is not recommended at this time.

3.11 ODORS

The potential for the Project to generate objectionable odors has also been considered. Land uses generally associated with odor complaints include:

- Agricultural uses (livestock and farming)
- Wastewater treatment plants
- Food processing plants
- Chemical plants
- Composting operations
- Refineries
- Landfills
- Dairies
- Fiberglass molding facilities

13 United States Environmental Protection Agency, 2006. Memorandum – Implementation of the Cancer Guidelines and Accompanying Supplemental Guidance - Science Policy Council Cancer Guidelines Implementation Workgroup Communication II: Performing Risk Assessments that include Carcinogens Described in the Supplemental Guidance as having a Mutagenic Mode of Action.

14 United States Environmental Protection Agency, National Center for Environmental Assessment, 2018. Integrated Risk Information System (IRIS). Diesel Engine Exhaust.

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with the City's solid waste regulations. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors associated with the proposed Project construction and operations would be less than significant and no mitigation is required (35).

3.12 CUMULATIVE IMPACTS

The Project area is designated as an extreme non-attainment area for ozone, and a non-attainment area for PM₁₀, PM_{2.5}, and lead.

The SAQMD has published a white paper on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (36). The white paper recommends utilizing daily significance thresholds discussed in Sections 3.4 and 3.5 to analyze whether criteria pollutant emissions are cumulatively considerable for the purpose of CEQA. Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable.

Therefore, this analysis assumes that individual projects that do not generate operational or construction emissions that exceed the SCAQMD's recommended daily thresholds for project-specific impacts would also not cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in nonattainment, and, therefore, would not be considered to have a significant, adverse air quality impact. Alternatively, individual project-related construction and operational emissions that exceed SCAQMD thresholds for project-specific impacts would be considered cumulatively considerable.

Construction Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that Project construction-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, Project construction-source emissions would be considered less than significant on a project-specific and cumulative basis.

Operational Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that Project operational-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, Project operational-source emissions would be considered less than significant on a project-specific and cumulative basis.

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4 REFERENCES

1. **State of California.** 2019 CEQA California Environmental Quality Act. 2019.
2. **South Coast Air Quality Management District.** RULE 403. FUGITIVE DUST. [Online]
<https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403.pdf?sfvrsn=4>.
3. —. RULE 1113. Architectural Coatings. [Online] <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf>.
4. **CAPCOA.** California Air Pollution Control Officers Association. *California Emissions Estimator Model (CalEEMod), Version 2013.2.2.* 2013. Version 2013.2.2.
5. **South Coast Air Quality Management District.** Southern California Air Basins. [Online]
<https://www.arb.ca.gov/msprog/onroad/porttruck/maps/scabc7map.pdf>.
6. —. *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning.* 2005.
7. **California Air Resources Board.** Ambient Air Quality Standards (AAQS). [Online] 2016.
<http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>.
8. **United State Environmental Protection Agency.** Frequent Questions about General Conformity . EPA. [Online] <https://www.epa.gov/general-conformity/frequent-questions-about-general-conformity#8>.
9. **South Coast Air Quality Management District.** Annual Air Quality Monitoring Network Plan. [Online] July 2018. <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-monitoring-network-plan/annual-air-quality-monitoring-network-plan-v2.pdf?sfvrsn=2>.
10. **Air Resources Board.** State and National Ambient Air Quality Standards. [Online]
https://www.arb.ca.gov/regact/2019/stateareadesignations/appc.pdf?_ga=2.169398369.1537615702.1554741141-1192937971.1505156621.
11. **District, South Coast Air Quality Management.** Air Quality Data Tables. [Online]
<https://www.aqmd.gov/home/air-quality/air-quality-data-studies/historical-data-by-year>.
12. **Environmental Protection Agency.** National Ambient Air Quality Standards (NAAQS). [Online] 1990.
<https://www.epa.gov/environmental-topics/air-topics>.
13. —. Air Pollution and the Clean Air Act. [Online] <http://www.epa.gov/air/caa/>.
14. **United States Environmental Protection Agency.** 1990 Clean Air Act Amendment Summary: Title I. [Online] <https://www.epa.gov/clean-air-act-overview/1990-clean-air-act-amendment-summary-title-i>.
15. —. 1990 Clean Air Act Amendment Summary: Title II. [Online] <https://www.epa.gov/clean-air-act-overview/1990-clean-air-act-amendment-summary-title-ii>.
16. **Air Resources Board.** California Ambient Air Quality Standards (CAAQS). [Online] 2009. [Cited: April 16, 2018.] <http://www.arb.ca.gov/research/aaqs/caaqs/caaqs.htm>.
17. **The California Energy Commission.** 2019 Building Energy Efficiency Standards . *California Energy Commission.* [Online] 2018.
https://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf.
18. **Department of General Services.** Building Standards Commission. *CALGreen.* [Online]
<https://codes.iccsafe.org/content/chapter/15778/>.

19. **Southern California Association of Governments.** 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy. [Online] April 2016.
<http://scagrtpscscs.net/Documents/2016/final/f2016RTPSCS.pdf>.
20. **South Coast Air Quality Management District (SCAQMD).** SCAQMD Air Quality Significance Thresholds. [Online] <http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2>.
21. **California Air Pollution Control Officers Association (CAPCOA).** California Emissions Estimator Model (CalEEMod). [Online] September 2016. www.caleemod.com.
22. **California Air Pollution Control Officers Association.** California Emissions Estimator Model User's Guide. [Online] November 2017. <http://www.caleemod.com/>.
23. **California Department of Transportation.** EMFAC Software. [Online] <http://www.dot.ca.gov/hq/env/air/pages/emfac.htm>.
24. **Linscott, Law & Greenspan, Engineers.** *Rancho La Habra Traffic Impact Analysis Addendum*. 2019.
25. **South Coast Air Quality Management District.** *Localized Significance Thresholds Methodology*. s.l. : South Coast Air Quality Management District, 2003.
26. **Lake Environmental.** US EPA Models. *Lake Environmental*. [Online] http://www.weblakes.com/download/us_epa.html.
27. **South Coast Air Quality Management District.** Fact Sheet for Applying CalEEMod to Localized Significance Thresholds. [Online] <http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/caleemod-guidance.pdf>.
28. **South coast Air Quality Management District.** *CEQA Air Quality Handbook (1993)*. 1993.
29. **South Coast Air Quality Management District.** 2003 Air Quality Management Plan. [Online] 2003. <https://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/2003-aqmp>.
30. **Bay Area Air Quality Management District.** [Online] <http://www.baaqmd.gov/>.
31. **South Coast Air Quality Management District.** Final 2016 Air Quality Management Plan (AQMP). [Online] March 2017. <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/final2016aqmp.pdf?sfvrsn=11>.
32. **South coast Air Quality Management District.** *CEQA Air Quality Handbook (1993)*. 1993.
33. **City of La Habra.** *City of La Habra General Plan 2035*. La Habra : s.n., 2014.
34. —. *La Habra Hills Specific Plan*. Newport Beach : John L. Chapman Land Planning, 1992.
35. **South Coast Air Quality Management District.** RULE 402 NUISANCE. [Online] <http://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf>.
36. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. http://www.aqmd.gov/rules/ciwg/final_white_paper.pdf.

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5 CERTIFICATION

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Rancho La Habra. The information contained in this air quality impact assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 336-5987.

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AEP – Association of Environmental Planners
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ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:

STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS

APPENDIX C

MAPS AND TABLES OF AREA DESIGNATIONS FOR STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS

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APPENDIX C

MAPS AND TABLES OF AREA DESIGNATIONS FOR STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS

This attachment fulfills the requirement of Health and Safety Code section 40718 for CARB to publish maps that identify areas where one or more violations of any State ambient air quality standard (State standard) or national ambient air quality standard (national standard) have been measured. The national standards are those promulgated under section 109 of the federal Clean Air Act (42 U.S.C. 7409).

This attachment is divided into three parts. The first part comprises a table showing the levels, averaging times, and measurement methods for each of the State and national standards. This is followed by a section containing maps and tables showing the area designations for each pollutant for which there is a State standard in the California Code of Regulations, title 17, section 70200. The last section contains maps and tables showing the most current area designations for the national standards.

Ambient Air Quality Standards

(Updated 5/4/16)

Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM10) ⁹	24 Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		—		
Fine Particulate Matter (PM2.5) ⁹	24 Hour	—	—	35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12.0 µg/m³	15 µg/m³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m³)		9 ppm (10 mg/m³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)		0.053 ppm (100 µg/m³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m³)	Ultraviolet Fluorescence	75 ppb (196 µg/m³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m³)	
	24 Hour	0.04 ppm (105 µg/m³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

See footnotes on next page ...

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
11. On June 2, 2010, a new 1-hour SO₂ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
14. In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

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Area Designations for the State Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a State standard set forth in the California Code of Regulations, title 17, section 60200. Each area is identified as attainment, nonattainment, nonattainment-transitional, or unclassified for each pollutant, as shown below:

Attainment	A
Nonattainment	N
Nonattainment-Transitional	NA-T
Unclassified	U

In general, CARB designates areas by air basin for pollutants with a regional impact and by county for pollutants with a more local impact. However, when there are areas within an air basin or county with distinctly different air quality deriving from sources and conditions not affecting the entire air basin or county, CARB may designate a smaller area. Generally, when boundaries of the designated area differ from the air basin or county boundaries, the description of the specific area is referenced at the bottom of the summary table.

FIGURE 1

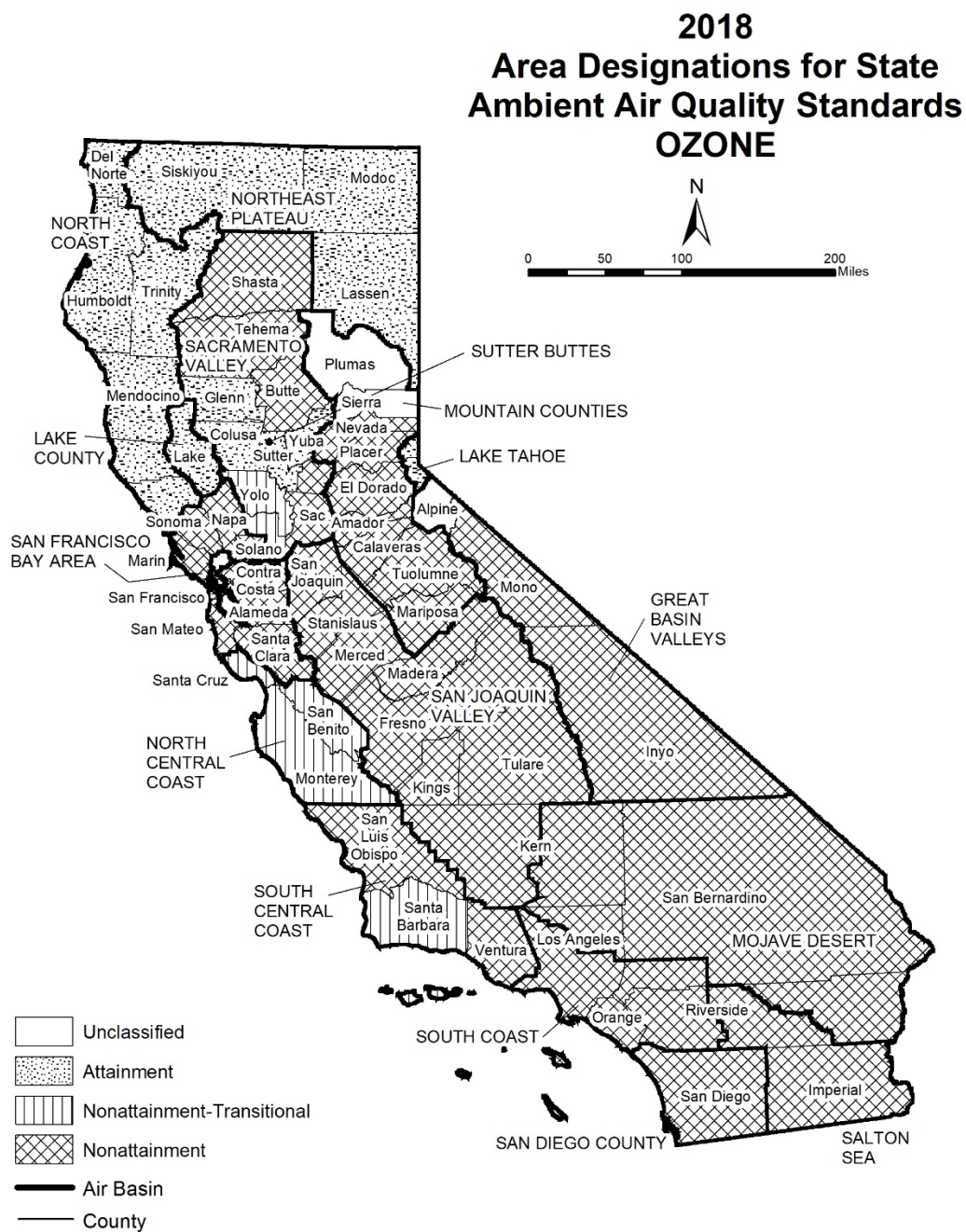


TABLE 1

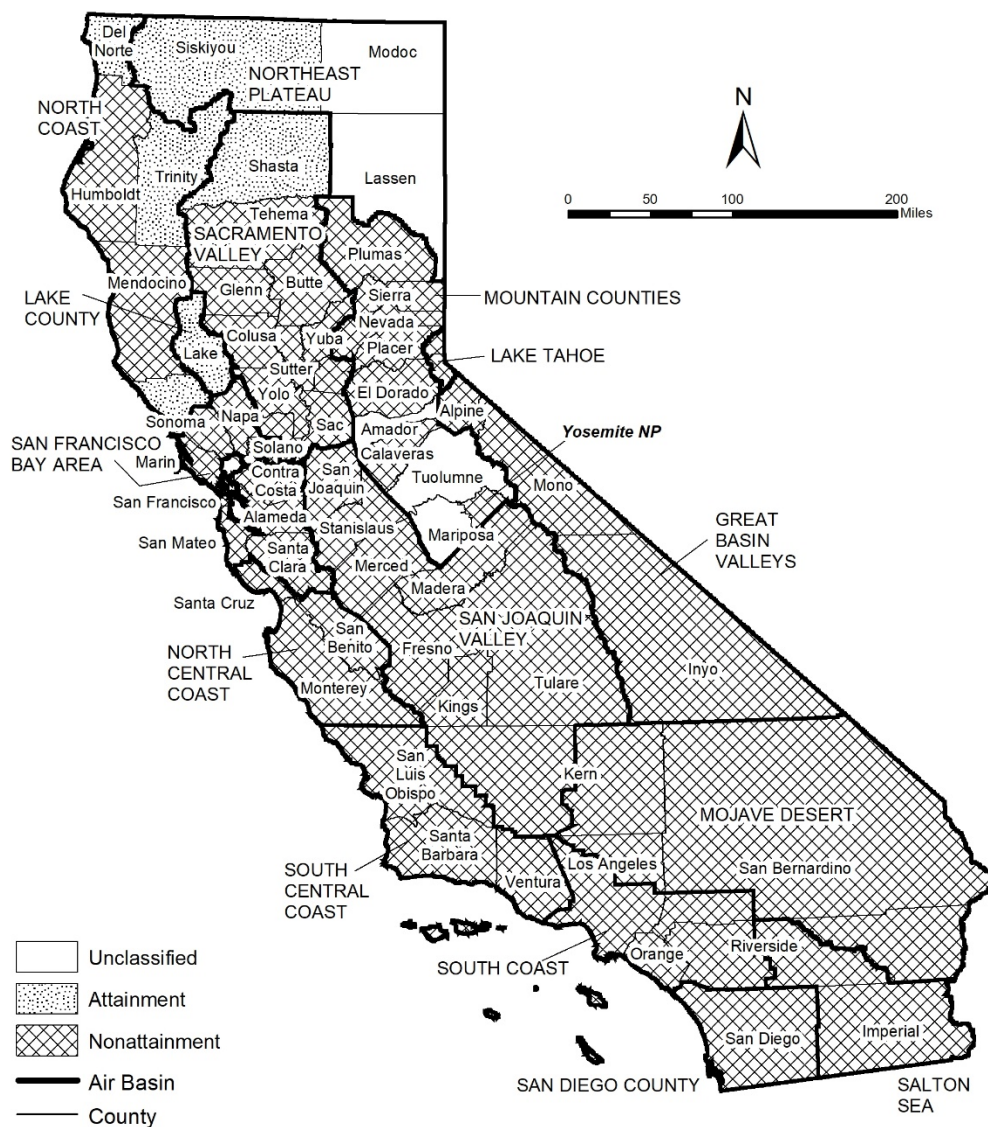
**California Ambient Air Quality Standards
Area Designations for Ozone ⁽¹⁾**

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					NORTHEAST PLATEAU AIR BASIN				X
Alpine County			X		SACRAMENTO VALLEY AIR BASIN				
Inyo County	X				Colusa and Glenn Counties				X
Mono County	X				Sutter/Yuba Counties				
LAKE COUNTY AIR BASIN				X	Sutter Buttes	X			
LAKE TAHOE AIR BASIN				X	Remainder of Sutter County				X
MOJAVE DESERT AIR BASIN	X				Yuba County				X
MOUNTAIN COUNTIES AIR BASIN					Yolo/Solano Counties		X		
Amador County	X				Remainder of Air Basin	X			
Calaveras County	X				SALTON SEA AIR BASIN	X			
El Dorado County (portion)	X				SAN DIEGO AIR BASIN	X			
Mariposa County	X				SAN FRANCISCO BAY AREA AIR BASIN	X			
Nevada County	X				SAN JOAQUIN VALLEY AIR BASIN	X			
Placer County (portion)	X				SOUTH CENTRAL COAST AIR BASIN				
Plumas County			X		San Luis Obispo County	X			
Sierra County			X		Santa Barbara County		X		
Tuolumne County	X				Ventura County	X			
NORTH CENTRAL COAST AIR BASIN		X			SOUTH COAST AIR BASIN	X			
NORTH COAST AIR BASIN				X					

(1) AB 3048 (Olberg) and AB 2525 (Miller) signed into law in 1996, made changes to Health and Safety Code, section 40925.5. One of the changes allows nonattainment districts to become nonattainment-transitional for ozone by operation of law.

FIGURE 2

2018
Area Designations for State
Ambient Air Quality Standards
PM₁₀



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 2

**California Ambient Air Quality Standards
Area Designation for Suspended Particulate Matter (PM10)**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN	X			NORTH CENTRAL COAST AIR BASIN	X		
LAKE COUNTY AIR BASIN			X	NORTH COAST AIR BASIN			
LAKE TAHOE AIR BASIN	X			Del Norte, Sonoma (portion) and Trinity Counties			X
MOJAVE DESERT AIR BASIN	X			Remainder of Air Basin	X		
MOUNTAIN COUNTIES AIR BASIN				NORTHEAST PLATEAU AIR BASIN			
Amador County		X		Siskiyou County			X
Calaveras County	X			Remainder of Air Basin		X	
El Dorado County (portion)	X			SACRAMENTO VALLEY AIR BASIN			
Mariposa County				Shasta County			X
- Yosemite National Park	X			Remainder of Air Basin	X		
- Remainder of County		X		SALTON SEA AIR BASIN	X		
Nevada County	X			SAN DIEGO AIR BASIN	X		
Placer County (portion)	X			SAN FRANCISCO BAY AREA AIR BASIN	X		
Plumas County	X			SAN JOAQUIN VALLEY AIR BASIN	X		
Sierra County	X			SOUTH CENTRAL COAST AIR BASIN	X		
Tuolumne County		X		SOUTH COAST AIR BASIN	X		

FIGURE 3

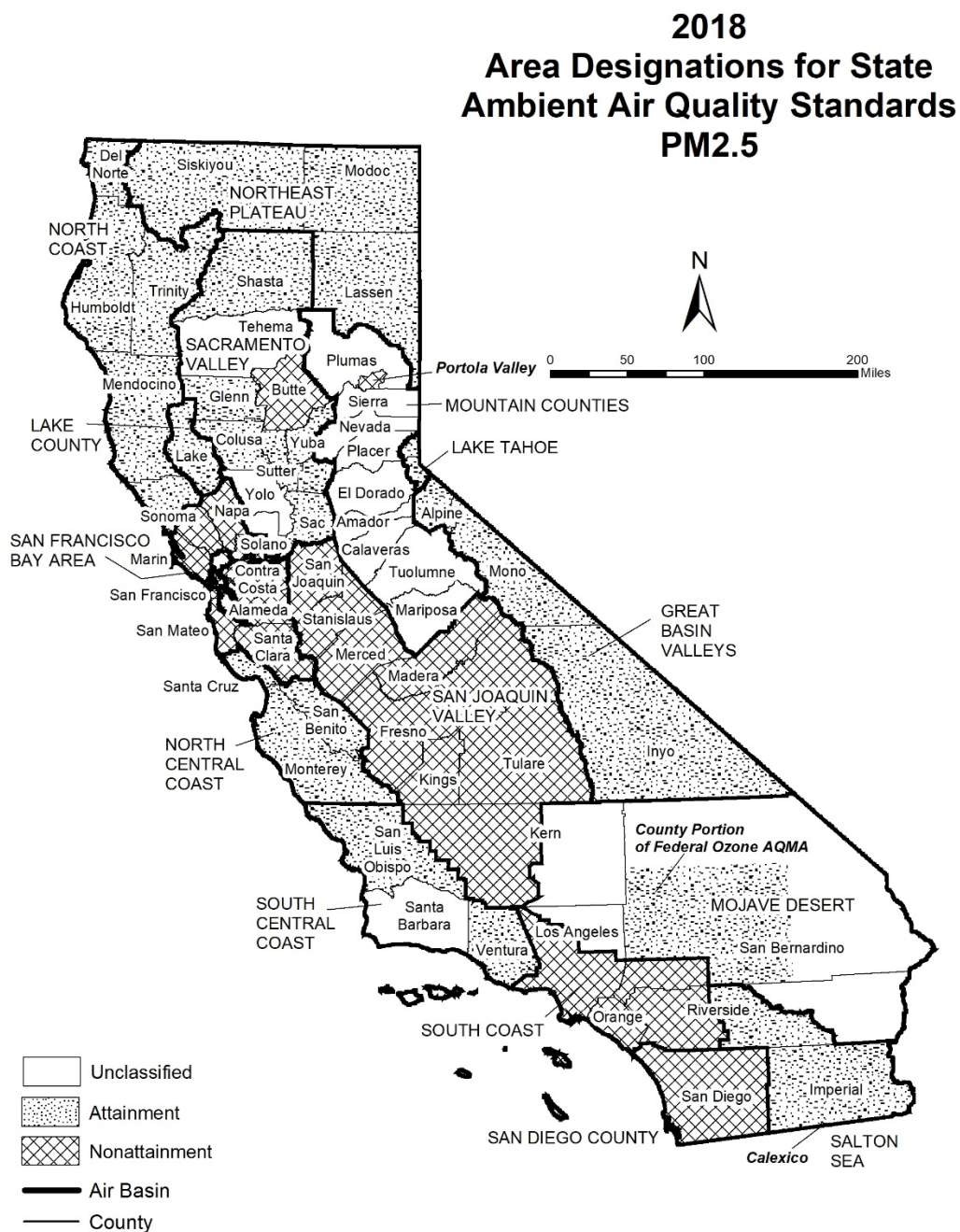


TABLE 3

**California Ambient Air Quality Standards
Area Designations for Fine Particulate Matter (PM_{2.5})**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SALTON SEA AIR BASIN			
LAKE COUNTY AIR BASIN			X	Imperial County			
LAKE TAHOE AIR BASIN			X	- City of Calexico (3)	X		
MOJAVE DESERT AIR BASIN				Remainder of Air Basin			X
San Bernardino County				SAN DIEGO AIR BASIN	X		
- County portion of federal Southeast Desert Modified AQMA for Ozone (1)			X	SAN FRANCISCO BAY AREA AIR BASIN	X		
				SAN JOAQUIN VALLEY AIR BASIN	X		
Remainder of Air Basin		X		SOUTH CENTRAL COAST AIR BASIN			
MOUNTAIN COUNTIES AIR BASIN				San Luis Obispo County			X
Plumas County				Santa Barbara County		X	
- Portola Valley (2)	X			Ventura County			X
Remainder of Air Basin		X		SOUTH COAST AIR BASIN	X		
NORTH CENTRAL COAST AIR BASIN			X				
NORTH COAST AIR BASIN			X				
NORTHEAST PLATEAU AIR BASIN			X				
SACRAMENTO VALLEY AIR BASIN							
Butte County	X						
Colusa County			X				
Glenn County			X				
Placer County (portion)			X				
Sacramento County			X				
Shasta County			X				
Sutter and Yuba Counties			X				
Remainder of Air Basin		X					

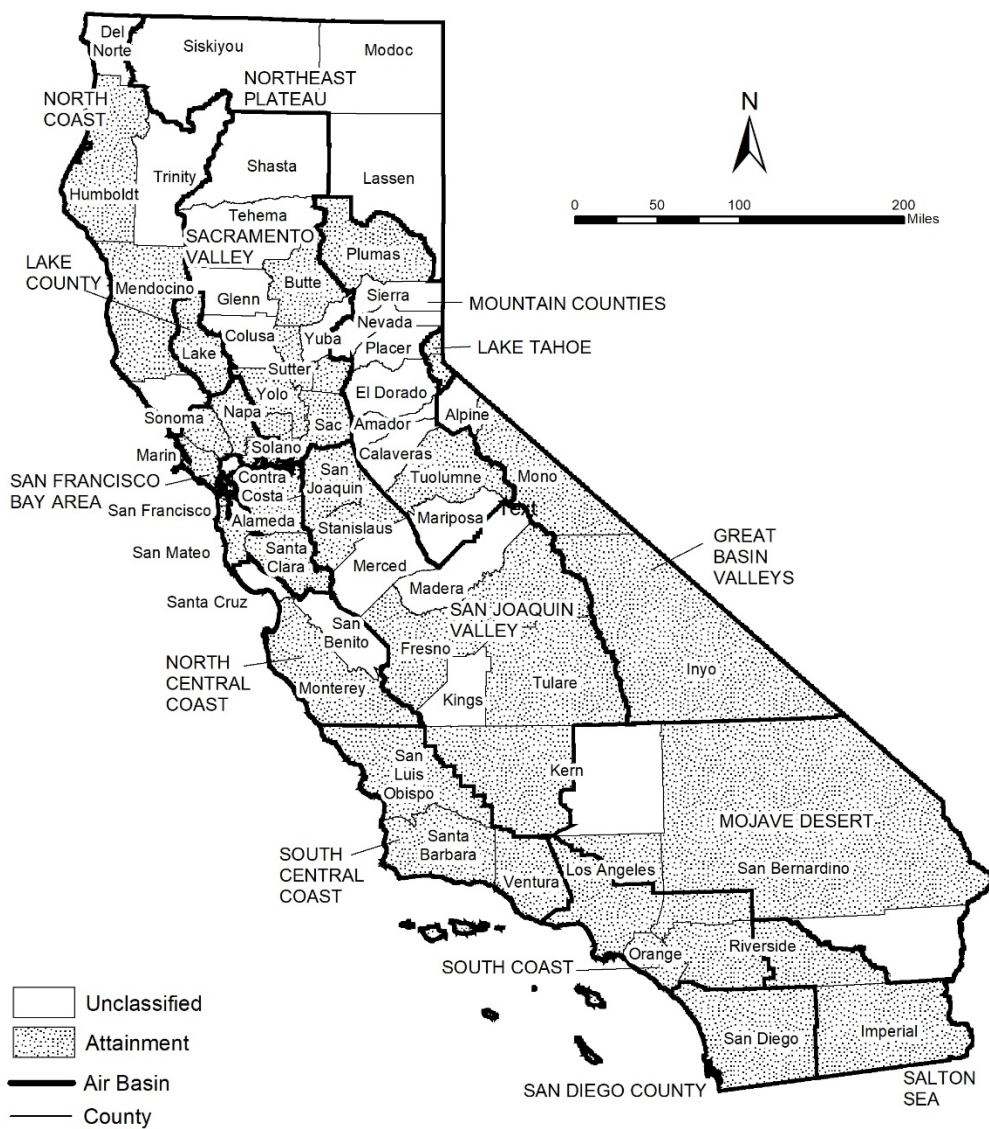
(1) California Code of Regulations, title 17, section 60200(b)

(2) California Code of Regulations, title 17, section 60200(c)

(3) California Code of Regulations, title 17, section 60200(a)

FIGURE 4

**2018
Area Designations for State
Ambient Air Quality Standards
CARBON MONOXIDE**



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 4

**California Ambient Air Quality Standards
Area Designation for Carbon Monoxide***

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					SACRAMENTO VALLEY AIR BASIN				
Alpine County			X		Butte County				X
Inyo County				X	Colusa County			X	
Mono County				X	Glenn County			X	
LAKE COUNTY AIR BASIN				X	Placer County (portion)				X
LAKE TAHOE AIR BASIN				X	Sacramento County				X
MOJAVE DESERT AIR BASIN					Shasta County			X	
Kern County (portion)			X		Solano County (portion)				X
Los Angeles County (portion)				X	Sutter County				X
Riverside County (portion)			X		Tehama County			X	
San Bernardino County (portion)				X	Yolo County				X
MOUNTAIN COUNTIES AIR BASIN					Yuba County			X	
Amador County			X		SALTON SEA AIR BASIN				X
Calaveras County			X		SAN DIEGO AIR BASIN				X
El Dorado County (portion)			X		SAN FRANCISCO BAY AREA AIR BASIN				X
Mariposa County			X		SAN JOAQUIN VALLEY AIR BASIN				
Nevada County			X		Fresno County				X
Placer County (portion)			X		Kern County (portion)				X
Plumas County				X	Kings County			X	
Sierra County			X		Madera County			X	
Tuolumne County				X	Merced County			X	
NORTH CENTRAL COAST AIR BASIN					San Joaquin County				X
Monterey County				X	Stanislaus County				X
San Benito County			X		Tulare County				X
Santa Cruz County			X		SOUTH CENTRAL COAST AIR BASIN				X
NORTH COAST AIR BASIN					SOUTH COAST AIR BASIN				X
Del Norte County			X						
Humboldt County				X					
Mendocino County				X					
Sonoma County (portion)			X						
Trinity County			X						
NORTHEAST PLATEAU AIR BASIN			X						

* The area designated for carbon monoxide is a county or portion of a county

FIGURE 5

2018
Area Designations for State
Ambient Air Quality Standards
NITROGEN DIOXIDE



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 5

**California Ambient Air Quality Standards
Area Designation for Nitrogen Dioxide**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SACRAMENTO VALLEY AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN DIEGO AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH COAST AIR BASIN			X	SOUTH COAST AIR BASIN			
NORTHEAST PLATEAU AIR BASIN			X	CA 60 Near-road Portion of San Bernardino, Riverside, and Los Angeles Counties	X		
				Remainder of Air Basin			X

FIGURE 6



TABLE 6**California Ambient Air Quality Standards
Area Designation for Sulfur Dioxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN		X
LAKE COUNTY AIR BASIN		X	SALTON SEA AIR BASIN		X
LAKE TAHOE AIR BASIN		X	SAN DIEGO AIR BASIN		X
MOJAVE DESERT AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X			

* The area designated for sulfur dioxide is a county or portion of a county

FIGURE 7

2018
Area Designations for State
Ambient Air Quality Standards
SULFATES



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 7**California Ambient Air Quality Standards
Area Designation for Sulfates**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SACRAMENTO VALLEY AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN DIEGO AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH COAST AIR BASIN			X	SOUTH COAST AIR BASIN			X
NORTHEAST PLATEAU AIR BASIN			X				

FIGURE 8

2018
Area Designations for State
Ambient Air Quality Standards
LEAD



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 8

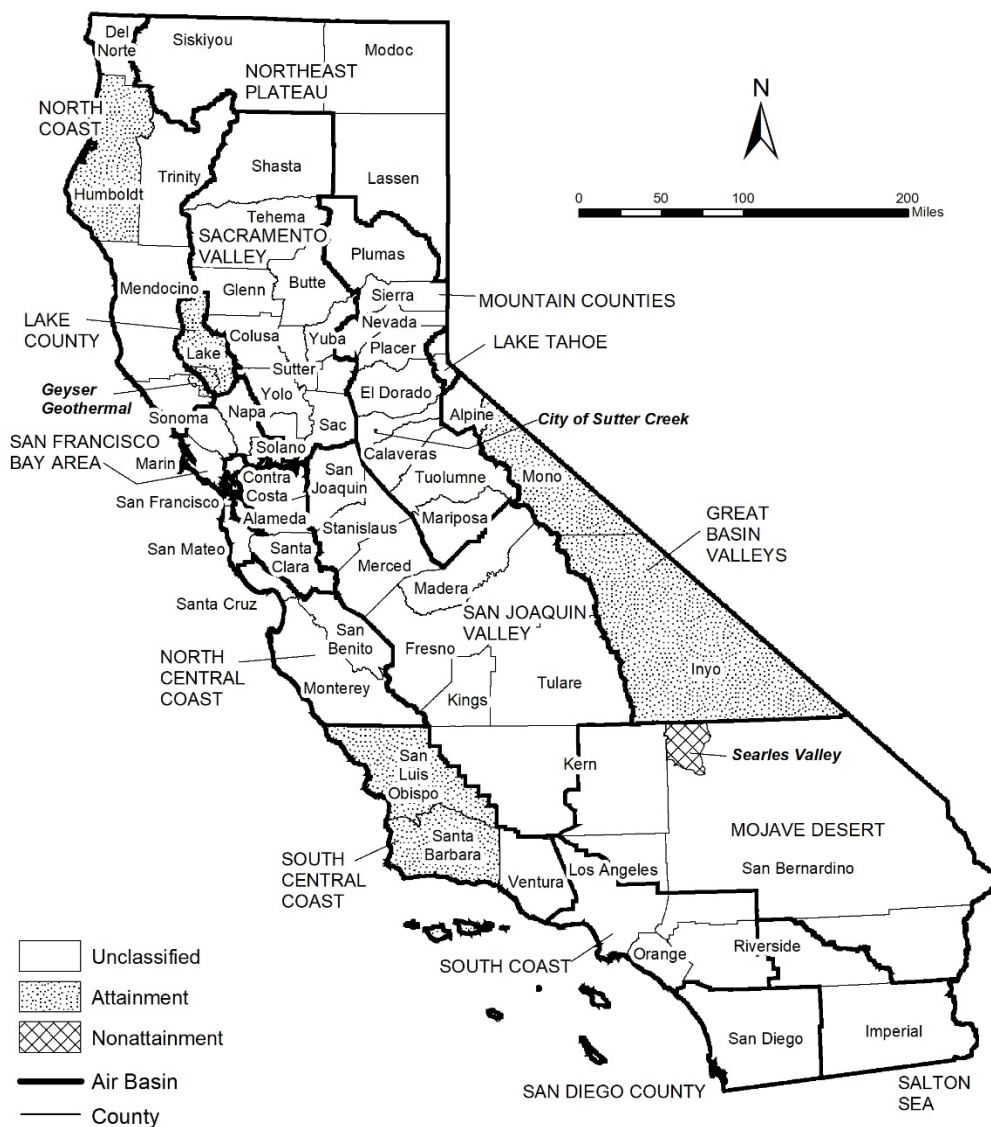
**California Ambient Air Quality Standards
Area Designations for Lead (particulate)***

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SAN DIEGO AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH COAST AIR BASIN			X
NORTH COAST AIR BASIN			X				
NORTHEAST PLATEAU AIR BASIN			X				
SACRAMENTO VALLEY AIR BASIN			X				

* The area designated for lead is a county or portion of a county. Since all areas in the State are in attainment for this standard, air basins are indicated here for simplicity.

FIGURE 9

2018
Area Designations for State
Ambient Air Quality Standards
HYDROGEN SULFIDE



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 9

**California Ambient Air Quality Standards
Area Designation for Hydrogen Sulfide***

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					NORTH CENTRAL COAST AIR BASIN			X	
Alpine County			X		NORTH COAST AIR BASIN				
Inyo County				X	Del Norte County			X	
Mono County				X	Humboldt County				X
LAKE COUNTY AIR BASIN				X	Mendocino County			X	
LAKE TAHOE AIR BASIN			X		Sonoma County (portion)				
MOJAVE DESERT AIR BASIN					- Geyser Geothermal Area (2)				X
Kern County (portion)			X		- Remainder of County			X	
Los Angeles County (portion)			X		Trinity County			X	
Riverside County (portion)			X		NORTHEAST PLATEAU AIR BASIN			X	
San Bernardino County (portion)					SACRAMENTO VALLEY AIR BASIN			X	
- Searles Valley Planning Area (1)	X				SALTON SEA AIR BASIN			X	
- Remainder of County			X		SAN DIEGO AIR BASIN			X	
MOUNTAIN COUNTIES AIR BASIN					SAN FRANCISCO BAY AREA AIR BASIN			X	
Amador County					SAN JOAQUIN VALLEY AIR BASIN			X	
- City of Sutter Creek	X				SOUTH CENTRAL COAST AIR BASIN				
- Remainder of County			X		San Luis Obispo County				X
Calaveras County			X		Santa Barbara County				X
El Dorado County (portion)			X		Ventura County			X	
Mariposa County			X		SOUTH COAST AIR BASIN			X	
Nevada County			X						
Placer County (portion)			X						
Plumas County			X						
Sierra County			X						
Tuolumne County			X						

* The area designated for hydrogen sulfide is a county or portion of a county

(1) 52 Federal Register 29384 (August 7, 1987)

(2) California Code of Regulations, title 17, section 60200(d)

FIGURE 10

**2018
Area Designations for State
Ambient Air Quality Standards
VISIBILITY REDUCING PARTICLES**

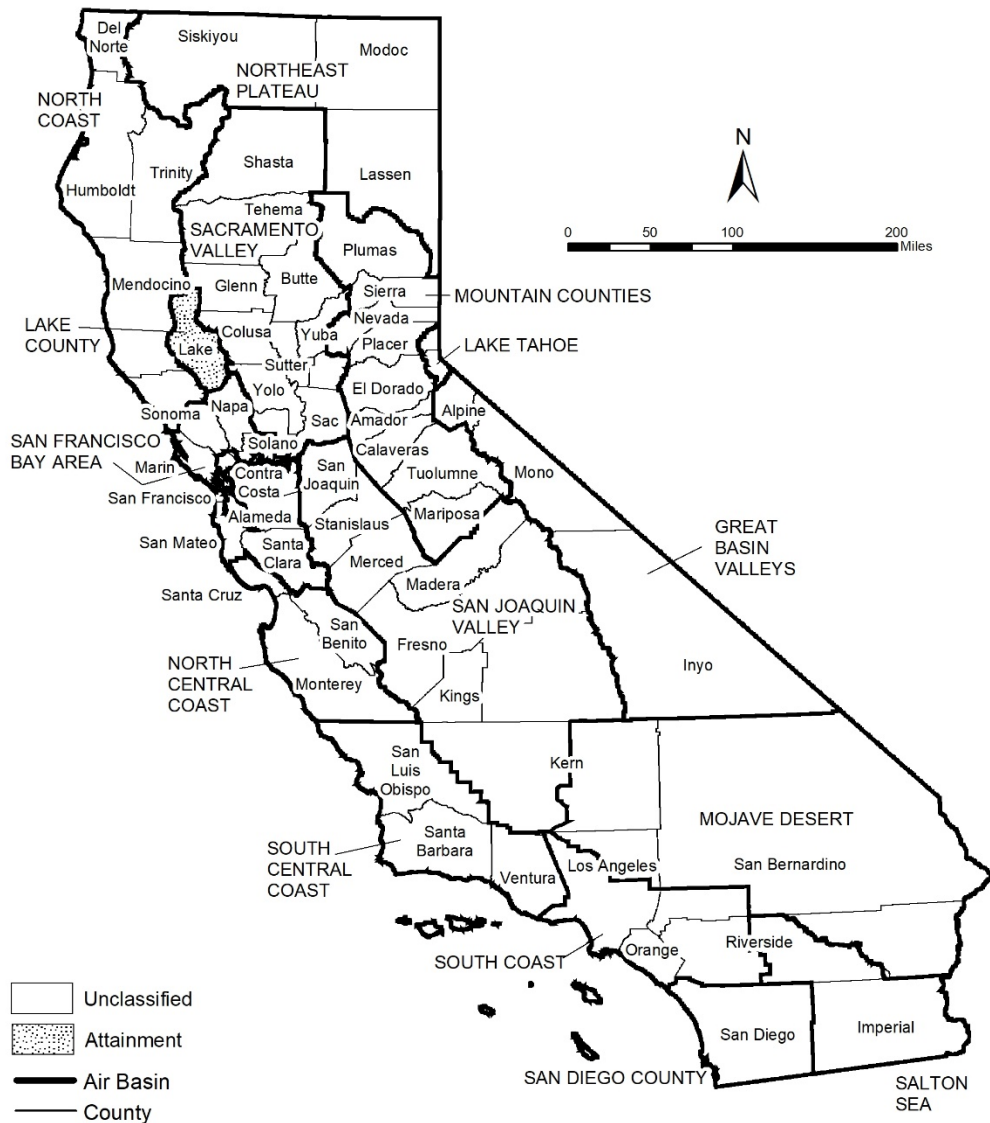


TABLE 10

**California Ambient Air Quality Standards
Area Designation for Visibility Reducing Particles**

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN			X		SACRAMENTO VALLEY AIR BASIN			X	
LAKE COUNTY AIR BASIN				X	SALTON SEA AIR BASIN			X	
LAKE TAHOE AIR BASIN			X		SAN DIEGO AIR BASIN			X	
MOJAVE DESERT AIR BASIN			X		SAN FRANCISCO BAY AREA AIR BASIN			X	
MOUNTAIN COUNTIES AIR BASIN			X		SAN JOAQUIN VALLEY AIR BASIN			X	
NORTH CENTRAL COAST AIR BASIN			X		SOUTH CENTRAL COAST AIR BASIN			X	
NORTH COAST AIR BASIN			X		SOUTH COAST AIR BASIN			X	
NORTHEAST PLATEAU AIR BASIN			X						

Area Designations for the National Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a national ambient air quality standard. Additional information about the federal area designations is available on the U.S. EPA website:

<https://www.epa.gov/green-book>

Over the last several years, U.S. EPA has been reviewing the levels of the various national standards. The agency has already promulgated new standard levels for some pollutants and is considering revising the levels for others. Information about the status of these reviews is available on the U.S. EPA website:

<https://www.epa.gov/criteria-air-pollutants>

Designation Categories

Suspended Particulate Matter (PM₁₀). The U.S. EPA uses three categories to designate areas with respect to PM₁₀:

- Attainment
- Nonattainment
- Unclassifiable

Ozone, Fine Suspended Particulate Matter (PM_{2.5}), Carbon Monoxide (CO), and Nitrogen Dioxide (NO₂). The U.S. EPA uses two categories to designate areas with respect to these standards:

- Nonattainment
- Unclassifiable/Attainment

The national 1-hour ozone standard was revoked effective June 15, 2005, and the area designations map reflects the 2015 national 8-hour ozone standard of 0.070 ppm. Original designations were finalized on August 3, 2018.

On December 14, 2012, the U.S. EPA established a new national annual primary PM_{2.5} standard of 12.0 µg/m³. New area designations reflecting this revised standard became final in December 2014. The current designation map reflects the most recently revised (2012) annual average standard of 12.0 µg/m³ as well as the 24-hour standard of 35 µg/m³, revised in 2006.

On January 22, 2010, the U.S. EPA established a new national 1-hour NO₂ standard of 100 parts per billion (ppb) and retained the annual average standard of 53 ppb. Designations for the primary NO₂ standard became effective on February 29, 2012. All areas of California meet this standard.

Sulfur Dioxide (SO₂). The U.S. EPA uses three categories to designate areas with respect to the 24-hour and annual average sulfur dioxide standards. These designation categories are:

- Nonattainment,
- Unclassifiable, and
- Attainment/Unclassifiable.

On June 2, 2010, the U.S. EPA established a new primary 1-hour SO₂ standard of 75 parts per billion (ppb). At the same time, U.S. EPA revoked the 24-hour and annual

average standards. Area designations for the 1-hour SO₂ standard were finalized on December 21, 2017 and are reflected in the area designations map.

Lead (particulate). The U.S. EPA promulgated a new rolling 3-month average lead standard in October 2008 of 0.15 µg/m³. Designations were made for this standard in November 2010.

Designation Areas

From time to time, the boundaries of the California air basins have been changed to facilitate the planning process. CARB generally initiates these changes, and they are not always reflected in the U.S. EPA's area designations. For purposes of consistency, the maps in this attachment reflect area designation boundaries and nomenclature as promulgated by the U.S. EPA. In some cases, these may not be the same as those adopted by CARB. For example, the national area designations reflect the former Southeast Desert Air Basin. In accordance with Health and Safety Code section 39606.1, CARB redefined this area in 1996 to be the Mojave Desert Air Basin and Salton Sea Air Basin. The definitions and boundaries for all areas designated for the national standards can be found in Title 40, Code of Federal Regulations (CFR), Chapter I, Subchapter C, Part 81.305. They are available on the web at:

https://ecfr.io/Title-40/se40.20.81_1305

FIGURE 11



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 11

**National Ambient Air Quality Standards
Area Designations for 8-Hour Ozone***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN (cont.)		
LAKE COUNTY AIR BASIN		X	Yolo County (2)	X	
LAKE TAHOE AIR BASIN		X	Yuba County		X
MOUNTAIN COUNTIES AIR BASIN			SAN DIEGO COUNTY	X	
Amador County	X		SAN FRANCISCO BAY AREA AIR BASIN	X	
Calaveras County	X		SAN JOAQUIN VALLEY AIR BASIN	X	
El Dorado County (portion) (2)	X		SOUTH CENTRAL COAST AIR BASIN (1)		
Mariposa County	X		San Luis Obispo County		
Nevada County			- Eastern San Luis Obispo County	X	
- Western Nevada County	X		- Remainder of County		X
- Remainder of County		X	Santa Barbara County		X
Placer County (portion) (2)	X		Ventura County		
Plumas County		X	- Area excluding Anacapa and San Nicolas Islands	X	
Sierra County		X	- Channel Islands (1)		X
Tuolumne County	X		SOUTH COAST AIR BASIN (1)	X	
NORTH CENTRAL COAST AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		
NORTH COAST AIR BASIN		X	Kern County (portion)	X	
NORTHEAST PLATEAU AIR BASIN		X	- Indian Wells Valley		X
SACRAMENTO VALLEY AIR BASIN			Imperial County	X	
Butte County	X		Los Angeles County (portion)	X	
Colusa County		X	Riverside County (portion)		
Glenn County		X	- Coachella Valley	X	
Sacramento Metro Area (2)	X		- Non-AQMA portion		X
Shasta County		X	San Bernardino County		
Sutter County			- Western portion (AQMA)	X	
- Sutter Buttes	X		- Eastern portion (non-AQMA)		X
- Southern portion of Sutter County (2)	X				
- Remainder of Sutter County		X			
Tehama County					
- Tuscan Buttes	X				
- Remainder of Tehama County		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

NOTE: This map and table reflect the 2015 8-hour ozone standard of 0.070 ppm.

(1) South Central Coast Air Basin Channel Islands:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa and San Nicolas Islands.

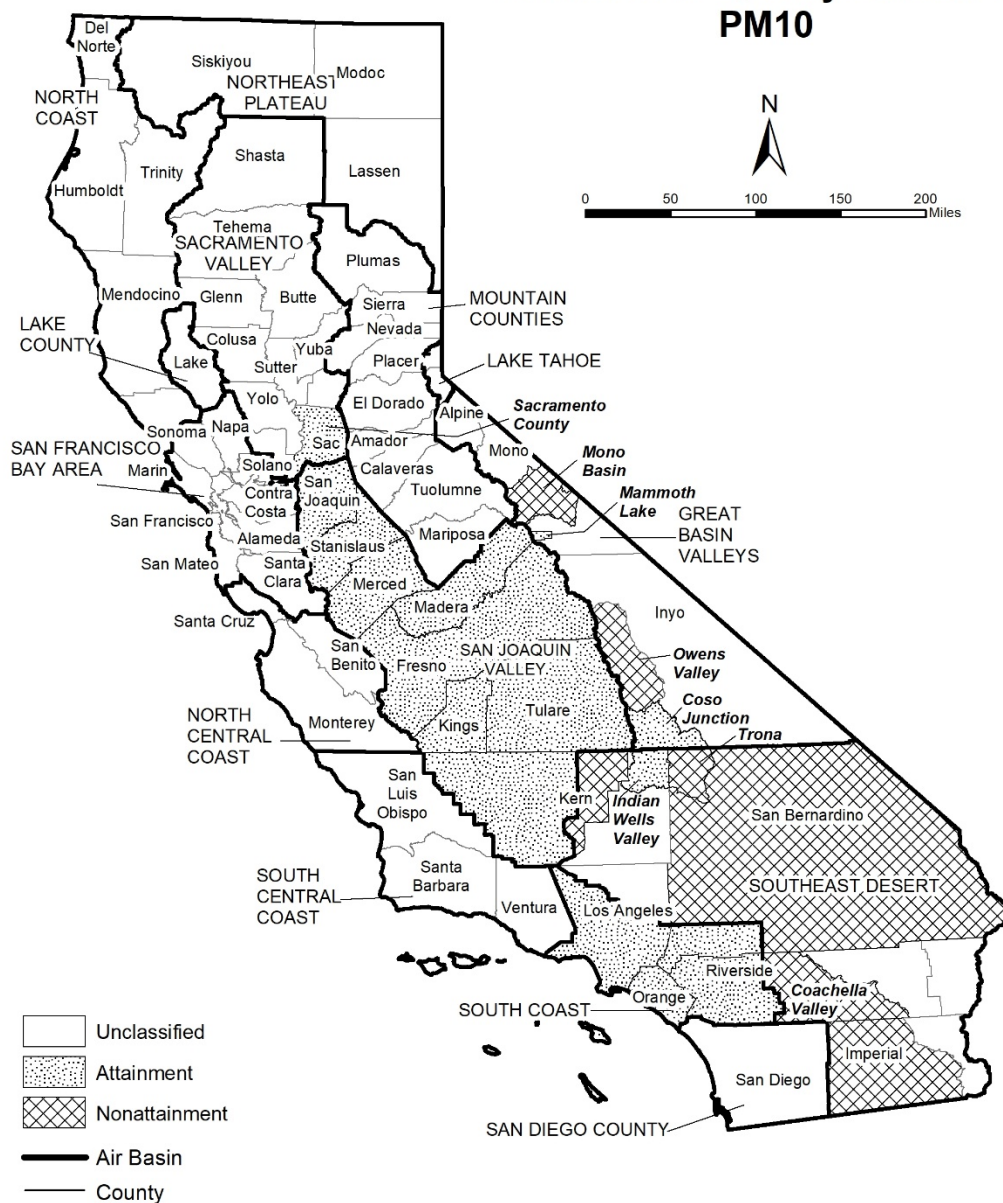
South Coast Air Basin:

Los Angeles County includes San Clemente and Santa Catalina Islands.

(2) For this purpose, the Sacramento Metro Area comprises all of Sacramento and Yolo Counties, the Sacramento Valley Air Basin portion of Solano County, the southern portion of Sutter County, and the Sacramento Valley and Mountain Counties Air Basins portions of Placer and El Dorado counties.

FIGURE 12

Area Designations for National Ambient Air Quality Standards PM10



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 12

**National Ambient Air Quality Standards
Area Designations for Suspended Particulate Matter (PM10)***

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN				SAN DIEGO COUNTY		X	
Alpine County		X		SAN FRANCISCO BAY AREA AIR BASIN		X	
Inyo County				SAN JOAQUIN VALLEY AIR BASIN			X
- Owens Valley Planning Area	X			SOUTH CENTRAL COAST AIR BASIN		X	
- Coso Junction			X	SOUTH COAST AIR BASIN			X
- Remainder of County		X		SOUTHEAST DESERT AIR BASIN			
Mono County				Eastern Kern County			
- Mammoth Lake Planning Area			X	- Indian Wells Valley			X
- Mono Lake Basin	X			- Portion within San Joaquin Valley Planning Area	X		
- Remainder of County		X		- Remainder of County		X	
LAKE COUNTY AIR BASIN		X		Imperial County			
LAKE TAHOE AIR BASIN		X		- Imperial Valley Planning Area	X		
MOUNTAIN COUNTIES AIR BASIN				- Remainder of County		X	
Placer County (portion) (2)		X		Los Angeles County (portion)		X	
Remainder of Air Basin		X		Riverside County (portion)			
NORTH CENTRAL COAST AIR BASIN		X		- Coachella Valley (3)	X		
NORTH COAST AIR BASIN		X		- Non-AQMA portion		X	
NORTHEAST PLATEAU AIR BASIN		X		San Bernardino County			
SACRAMENTO VALLEY AIR BASIN				- Trona	X		
Butte County		X		- Remainder of County	X		
Colusa County		X					
Glenn County		X					
Placer County (portion) (2)		X					
Sacramento County (1)			X				
Shasta County		X					
Solano County (portion)		X					
Sutter County		X					
Tehama County		X					
Yolo County		X					
Yuba County		X					

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

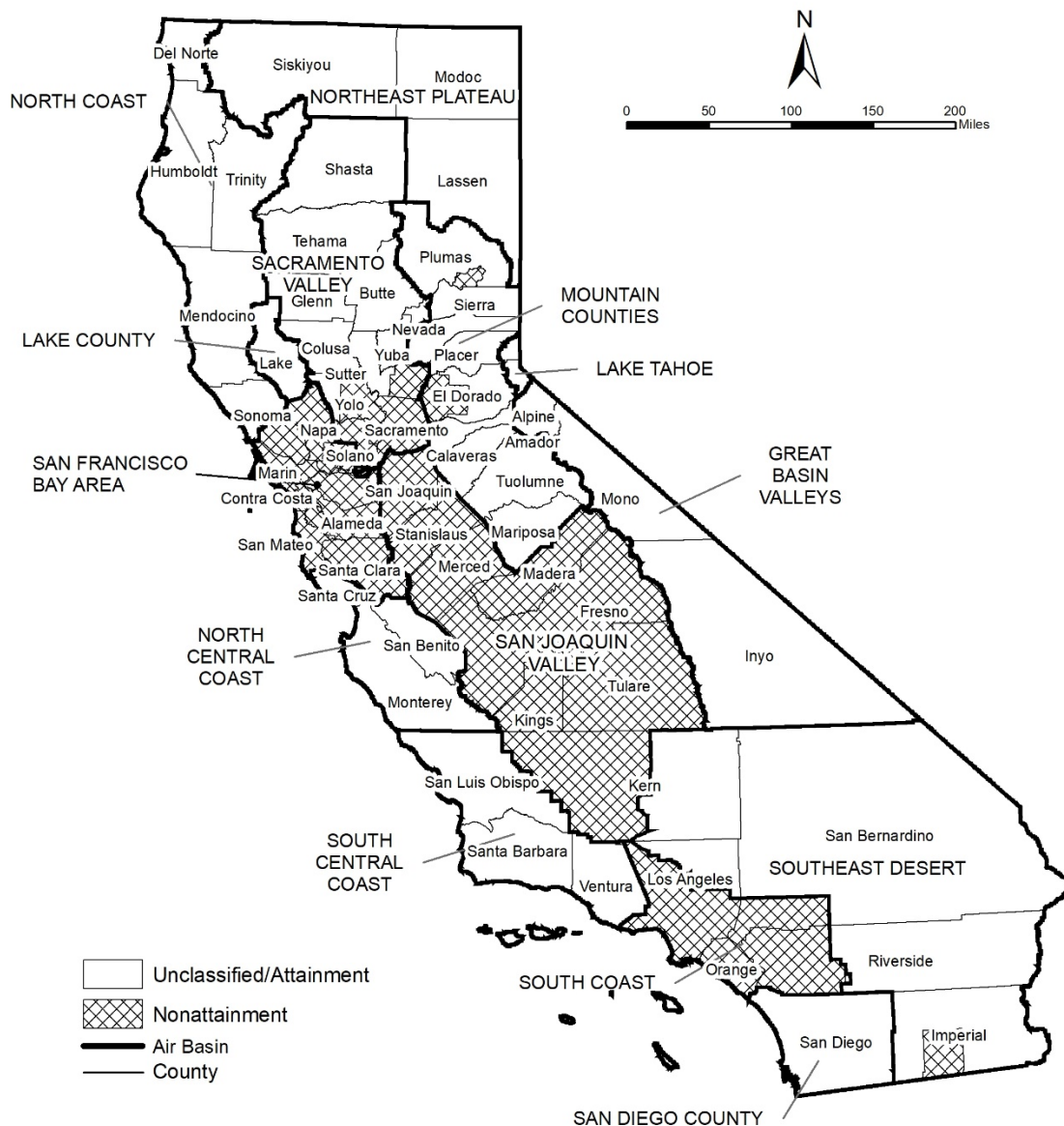
(1) Air quality in Sacramento County meets the national PM10 standards. The request for redesignation to attainment was approved by U.S. EPA in September 2013.

(2) U.S. EPA designation puts the Sacramento Valley Air Basin portion of Placer County in the Mountain Counties Air Basin.

(3) Air quality in Coachella Valley meets the national PM10 standards. A request for redesignation to attainment has been submitted to U.S. EPA.

FIGURE 13

Area Designations for National Ambient Air Quality Standards PM_{2.5}



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 13

**National Ambient Air Quality Standards
Area Designations for Fine Particulate Matter (PM2.5)***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE COUNTY AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN (2)	X	
LAKE TAHOE AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN	X	
MOUNTAIN COUNTIES AIR BASIN			SOUTH CENTRAL COAST AIR BASIN		X
Plumas County			SOUTH COAST AIR BASIN (3)	X	
- Portola Valley Portion of Plumas	X		SOUTHEAST DESERT AIR BASIN		
- Remainder of Plumas County		X	Imperial County (portion) (4)	X	
Remainder of Air Basin		X	Remainder of Air Basin		X
NORTH CENTRAL COAST AIR BASIN		X			
NORTH COAST AIR BASIN		X			
NORTHEAST PLATEAU AIR BASIN		X			
SACRAMENTO VALLEY AIR BASIN					
Sacramento Metro Area (1)	X				
Sutter County		X			
Yuba County (portion)		X			
Remainder of Air Basin		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305. This map reflects the 2006 24-hour PM2.5 standard as well as the 1997 and 2012 PM2.5 annual standards.

(1) For this purpose, Sacramento Metro Area comprises all of Sacramento and portions of El Dorado, Placer, Solano, and Yolo Counties. Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

(2) Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

(3) Those lands of the Santa Rosa Band of Cahulla Mission Indians in Riverside County are designated Unclassifiable/Attainment.

(4) That portion of Imperial County encompassing the urban and surrounding areas of Brawley, Calexico, El Centro, Heber, Holtville, Imperial, Seeley, and Westmorland. Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

FIGURE 14

**Area Designations for National
Ambient Air Quality Standards
CARBON MONOXIDE**



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 14**National Ambient Air Quality Standards
Area Designations for Carbon Monoxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN		X
LAKE COUNTY AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE TAHOE AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

FIGURE 15

**Area Designations for National
Ambient Air Quality Standards
NITROGEN DIOXIDE**



TABLE 15**National Ambient Air Quality Standards
Area Designations for Nitrogen Dioxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN		X
LAKE COUNTY AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE TAHOE AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

FIGURE 16



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 16

**National Ambient Air Quality Standards
Area Designations for Sulfur Dioxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		
LAKE COUNTY AIR BASIN		X	San Luis Obispo County		X
LAKE TAHOE AIR BASIN		X	Santa Barbara County		X
MOUNTAIN COUNTIES AIR BASIN		X	Ventura County		X
NORTH CENTRAL COAST AIR BASIN		X	Channel Islands (1)		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		
SACRAMENTO VALLEY AIR BASIN		X	Imperial County		X
SAN DIEGO COUNTY		X	Remainder of Air Basin		X
SAN FRANCISCO BAY AREA AIR BASIN		X			
SAN JOAQUIN VALLEY AIR BASIN					
Fresno County		X			
Kern County (portion)		X			
Kings County		X			
Madera County		X			
Merced County		X			
San Joaquin County		X			
Stanislaus County		X			
Tulare County		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

NOTE: This map and table reflect the 2010 1-hour SO₂ standard of 75 ppb.

(1) South Central Coast Air Basin Channel Islands:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa and San Nicolas Islands.

Note that the San Clemente and Santa Catalina Islands are considered part of Los Angeles County, and therefore, are included as part of the South Coast Air Basin.

FIGURE 17

Area Designations for National Ambient Air Quality Standards LEAD

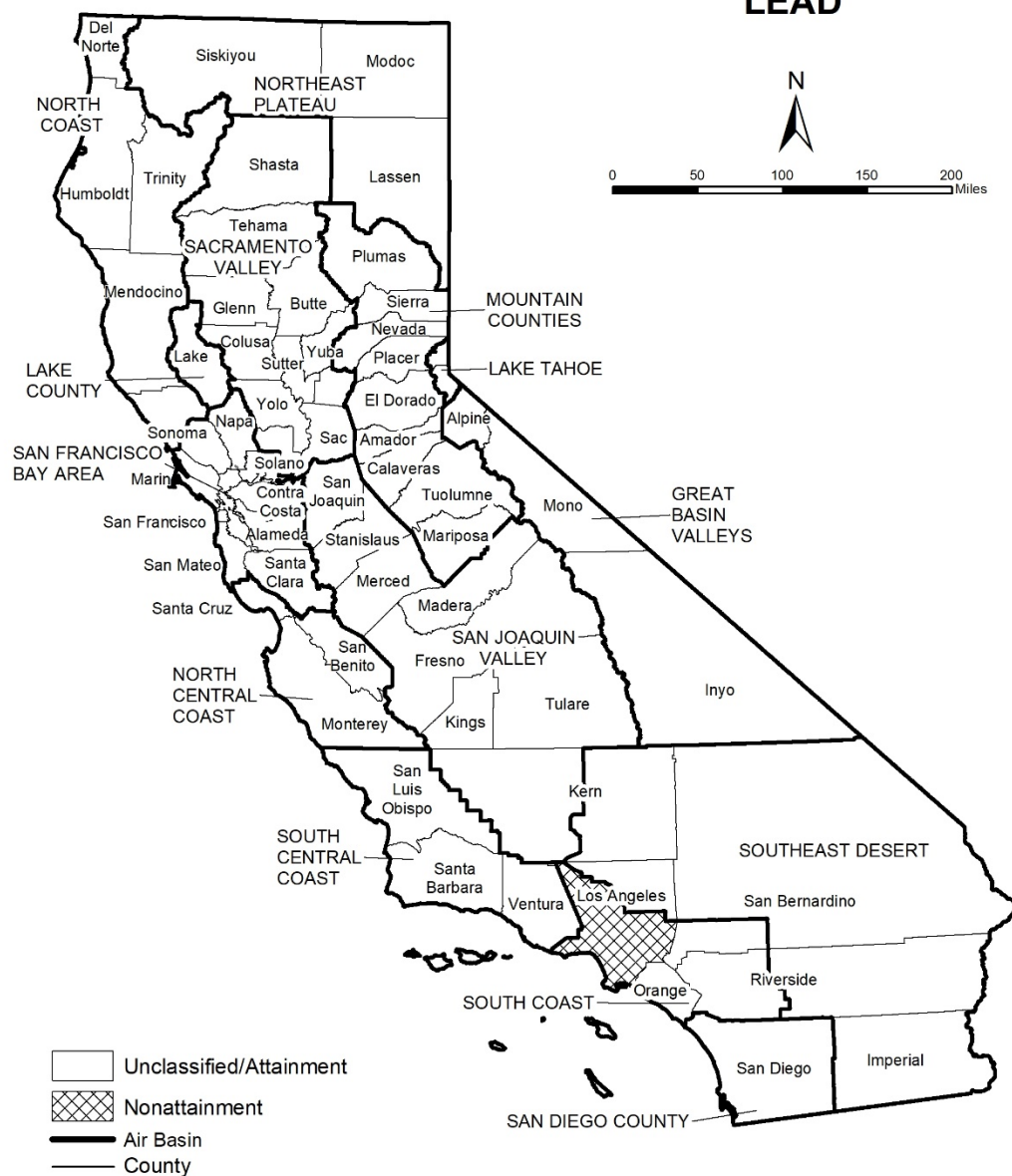


TABLE 17

**National Ambient Air Quality Standards
Area Designations for Lead (particulate)**

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE COUNTY AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
LAKE TAHOE AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH COAST AIR BASIN		
NORTH COAST AIR BASIN		X	Los Angeles County (portion) (1)	X	
NORTHEAST PLATEAU AIR BASIN		X	Remainder of Air Basin		X
SACRAMENTO VALLEY AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

(1) Portion of County in Air Basin, not including Channel Islands

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APPENDIX 3.1:

CALEEMOD CONSTRUCTION (UNMITIGATED) EMISSIONS MODEL OUTPUTS

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

Rancho La Habra Project Development (Construction - Unmitigated)

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000.00	0
Condo/Townhouse	145.00	Dwelling Unit	9.06	275,500.00	435
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831
Supermarket	12.00	1000sqft	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Construction Schedule adjusted to be consistent with the 2023 OY.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment -

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Trips and VMT - Building Construction (BC) Worker trips based on Construction Traffic Impacts; BC vendor trips and architectural coating worker trips decreased proportional to the proportional decrease in BC worker trips

Demolition -

Grading -

Architectural Coating -

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Woodstoves - Construction Run Only.

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - Rule 403

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	13.00
tblConstructionPhase	NumDays	310.00	50.00
tblConstructionPhase	NumDays	120.00	70.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	310.00	104.00
tblConstructionPhase	NumDays	3,100.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.99	0.00
tblEnergyUse	LightingElect	7.66	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	8.68	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	3.83	0.00
tblEnergyUse	NT24E	20.11	0.00
tblEnergyUse	NT24E	6,155.97	0.00
tblEnergyUse	NT24E	25.23	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	6.86	0.00
tblEnergyUse	NT24NG	180.76	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	10.60	0.00
tblEnergyUse	T24E	172.41	0.00
tblEnergyUse	T24E	1.63	0.00
tblEnergyUse	T24E	8.71	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblEnergyUse	T24E	253.73	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	12,129.63	0.00
tblEnergyUse	T24NG	14.04	0.00
tblEnergyUse	T24NG	78.56	0.00
tblEnergyUse	T24NG	20,288.91	0.00
tblEnergyUse	T24NG	9.95	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	123.25	0.00
tblFireplaces	NumberGas	235.45	0.00
tblFireplaces	NumberNoFireplace	14.50	0.00
tblFireplaces	NumberNoFireplace	27.70	0.00
tblFireplaces	NumberWood	7.25	0.00
tblFireplaces	NumberWood	13.85	0.00
tblGrading	MaterialImported	0.00	15,000.00
tblLandUse	LandUseSquareFeet	145,000.00	275,500.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	415.00	435.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	HorsePower	367.00	585.00
tblOffRoadEquipment	HorsePower	85.00	200.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblSolidWaste	SolidWasteGenerationRate	3.62	0.00
tblSolidWaste	SolidWasteGenerationRate	66.70	0.00
tblSolidWaste	SolidWasteGenerationRate	128.25	0.00
tblSolidWaste	SolidWasteGenerationRate	95.20	0.00
tblSolidWaste	SolidWasteGenerationRate	340.71	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblSolidWaste	SolidWasteGenerationRate	67.68	0.00
tblTripsAndVMT	VendorTripNumber	353.00	143.00
tblTripsAndVMT	WorkerTripNumber	991.00	400.00
tblTripsAndVMT	WorkerTripNumber	198.00	80.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	7.1096e-007
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9764e-003
tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6957e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	7.9170e-003	2.5791e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.08	3.7172e-006
tblVehicleEF	HHD	0.03	8.8967e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	7.5037e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.09	4.0699e-006
tblVehicleEF	HHD	0.37	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	6.8287e-007
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5082e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24
tblVehicleEF	HHD	6.9760e-003	2.3520e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	6.6740e-003	2.2503e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.08	3.5798e-006
tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	7.4302e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.09	3.9195e-006
tblVehicleEF	HHD	0.42	0.02

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	HHD	0.17	8.7798e-004
tblVehicleEF	HHD	0.06	7.1763e-007
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27
tblVehicleEF	HHD	0.01	2.8857e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	9.6330e-003	2.7609e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4573e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.08	3.7490e-006

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	HHD	0.03	9.0385e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	7.5177e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.09	4.1047e-006
tblVehicleEF	LDA	2.7580e-003	1.4539e-003
tblVehicleEF	LDA	2.8090e-003	0.03
tblVehicleEF	LDA	0.43	0.49
tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2342e-003
tblVehicleEF	LDA	4.8900e-004	4.5753e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3927e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5499e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3745e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3252e-003
tblVehicleEF	LDA	4.8800e-004	4.5329e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4238e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9944e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2006e-003
tblVehicleEF	LDA	4.9000e-004	4.5846e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2532e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2242e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.7370e-003	2.6899e-003
tblVehicleEF	LDT1	6.4900e-004	5.5911e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4156e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7839e-003
tblVehicleEF	LDT1	6.4500e-004	5.5423e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1636e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61
tblVehicleEF	LDT1	0.07	0.05

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6552e-003
tblVehicleEF	LDT1	6.4900e-004	5.6018e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4814e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27
tblVehicleEF	LDT2	305.47	284.99

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4619e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8192e-003
tblVehicleEF	LDT2	7.0100e-004	5.9004e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6377e-003
tblVehicleEF	LDT2	3.5660e-003	0.04
tblVehicleEF	LDT2	0.63	0.72

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9749e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9084e-003
tblVehicleEF	LDT2	6.9900e-004	5.8443e-004
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.8920e-003	2.4323e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2897e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7863e-003
tblVehicleEF	LDT2	7.0100e-004	5.9127e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8055e-003
tblVehicleEF	LHD1	5.8690e-003	3.0275e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.05	0.03

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0657e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8154e-003
tblVehicleEF	LHD1	5.9560e-003	3.0669e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9308e-003
tblVehicleEF	LHD1	3.1400e-004	1.0594e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8037e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0666e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4118e-003
tblVehicleEF	LHD2	2.5500e-003	2.5031e-003
tblVehicleEF	LHD2	5.1240e-003	7.7083e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2343e-005
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4188e-003
tblVehicleEF	LHD2	2.5710e-003	2.5214e-003
tblVehicleEF	LHD2	4.9820e-003	7.4668e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.28

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6300e-004	8.1932e-005
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4105e-003
tblVehicleEF	LHD2	2.5450e-003	2.4983e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2408e-005
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1237e-003
tblVehicleEF	MCY	6.5200e-004	5.8022e-004
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1121e-003
tblVehicleEF	MCY	6.3300e-004	5.6267e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1254e-003
tblVehicleEF	MCY	6.5500e-004	5.8338e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71
tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4955e-003
tblVehicleEF	MDV	9.4800e-004	7.1663e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1499e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92
tblVehicleEF	MDV	92.03	71.80

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5872e-003
tblVehicleEF	MDV	9.4400e-004	7.1049e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9054e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69
tblVehicleEF	MDV	1.68	2.52

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4616e-003
tblVehicleEF	MDV	9.4900e-004	7.1797e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.26	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.07	0.07

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3061e-003
tblVehicleEF	MHD	2.3010e-003	9.7878e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01
tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89
tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3672e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	5.5000e-005	1.3080e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.03	9.2412e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9079e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.1100e-004	1.0774e-004
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0869e-003
tblVehicleEF	MHD	2.3200e-003	9.9519e-004
tblVehicleEF	MHD	0.04	9.5988e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92
tblVehicleEF	MHD	4.8000e-005	1.1758e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	4.6000e-005	1.1249e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.03	9.3047e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.8956e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.0700e-004	1.0694e-004
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05
tblVehicleEF	MHD	0.02	4.6237e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MHD	2.2950e-003	9.7301e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95
tblVehicleEF	MHD	7.0000e-005	1.6315e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	6.7000e-005	1.5609e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.03	9.2222e-003
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.25	0.05

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	MHD	1.3030e-003	4.9243e-004
tblVehicleEF	MHD	0.01	9.0981e-003
tblVehicleEF	MHD	6.1100e-004	1.0789e-004
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	OBUS	0.01	8.6081e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0732e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.4000e-005	1.0268e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6663e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8266e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6902e-003
tblVehicleEF	OBUS	4.5620e-003	3.5422e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43
tblVehicleEF	OBUS	4.28	2.01

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23
tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5363e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.2000e-005	9.1238e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5810e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8084e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5167e-003
tblVehicleEF	OBUS	4.4690e-003	3.4503e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2384e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.7000e-005	1.1848e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7840e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8296e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1395e-003
tblVehicleEF	SBUS	0.06	8.9683e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18
tblVehicleEF	SBUS	2.88	4.33

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	SBUS	4.9650e-003	3.4992e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.7500e-003	3.3478e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4332e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4400e-004	7.1436e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.47	0.06

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2398e-003
tblVehicleEF	SBUS	0.06	8.0601e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25
tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9567e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.0050e-003	2.8288e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.06

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5052e-003
tblVehicleEF	SBUS	0.01	9.9764e-003
tblVehicleEF	SBUS	7.2000e-004	6.8013e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1113e-003
tblVehicleEF	SBUS	0.07	9.0985e-003
tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2484e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	SBUS	5.7800e-003	4.0646e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4600e-004	7.1764e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81
tblVehicleEF	UBUS	1,771.11	2,017.13

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6000e-003	1.9349e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	6.71	41.12

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.5790e-003	1.9002e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11
tblVehicleEF	UBUS	1.41	5.27

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6040e-003	1.9411e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.05

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.10	0.00
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.90	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	52.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblWater	IndoorWaterUseRate	9,447,333.72	0.00
tblWater	IndoorWaterUseRate	1,330,720.74	0.00
tblWater	IndoorWaterUseRate	2,428,269.70	0.00
tblWater	IndoorWaterUseRate	18,047,665.10	0.00
tblWater	IndoorWaterUseRate	1,479,218.58	0.00
tblWater	OutdoorWaterUseRate	50,161,364.82	0.00
tblWater	OutdoorWaterUseRate	5,955,927.78	0.00
tblWater	OutdoorWaterUseRate	815,603.03	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

tblWater	OutdoorWaterUseRate	154,995.94	0.00
tblWater	OutdoorWaterUseRate	11,377,875.82	0.00
tblWater	OutdoorWaterUseRate	45,749.03	0.00
tblWoodstoves	NumberCatalytic	7.25	0.00
tblWoodstoves	NumberCatalytic	13.85	0.00
tblWoodstoves	NumberNoncatalytic	7.25	0.00
tblWoodstoves	NumberNoncatalytic	13.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	9.2626	109.8571	59.1895	0.1679	13.6258	4.0650	17.6907	4.3113	3.7402	8.0515	0.0000	16,403.43 12	16,403.43 12	5.0167	0.0000	16,528.84 81
2021	11.6108	105.7210	61.6945	0.1744	12.9281	4.0077	16.9358	4.1412	3.6875	7.8286	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31
2022	11.1007	43.4993	51.2148	0.1372	6.4465	1.6017	8.0482	1.7303	1.5001	3.2303	0.0000	13,779.14 81	13,779.14 81	1.8109	0.0000	13,824.42 18
2023	10.6863	37.8679	49.8836	0.1343	6.4465	1.3995	7.8460	1.7303	1.3102	3.0405	0.0000	13,486.55 80	13,486.55 80	1.7729	0.0000	13,530.87 94
2024	10.4264	35.8703	48.9212	0.1322	6.4465	1.2520	7.6986	1.7303	1.1715	2.9017	0.0000	13,278.08 39	13,278.08 39	1.7553	0.0000	13,321.96 55
2025	10.1495	33.5760	47.9878	0.1302	6.4465	1.0970	7.5435	1.7303	1.0261	2.7563	0.0000	13,079.58 70	13,079.58 70	1.7401	0.0000	13,123.09 01
2026	10.0804	33.3918	47.3145	0.1284	6.4465	1.0957	7.5422	1.7303	1.0248	2.7551	0.0000	12,906.85 49	12,906.85 49	1.7303	0.0000	12,950.11 28
Maximum	11.6108	109.8571	61.6945	0.1744	13.6258	4.0650	17.6907	4.3113	3.7402	8.0515	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	9.2626	109.8571	59.1895	0.1679	6.0640	4.0650	10.1289	1.8719	3.7402	5.6121	0.0000	16,403.43 12	16,403.43 12	5.0167	0.0000	16,528.84 81
2021	11.6108	105.7210	61.6945	0.1744	6.4466	4.0077	9.3740	1.7303	3.6875	5.3893	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31
2022	11.1007	43.4993	51.2148	0.1372	6.4465	1.6017	8.0482	1.7303	1.5001	3.2303	0.0000	13,779.14 81	13,779.14 81	1.8109	0.0000	13,824.42 18
2023	10.6863	37.8679	49.8836	0.1343	6.4465	1.3995	7.8460	1.7303	1.3102	3.0405	0.0000	13,486.55 80	13,486.55 80	1.7729	0.0000	13,530.87 94
2024	10.4264	35.8703	48.9212	0.1322	6.4465	1.2520	7.6986	1.7303	1.1715	2.9017	0.0000	13,278.08 39	13,278.08 39	1.7553	0.0000	13,321.96 55
2025	10.1495	33.5760	47.9878	0.1302	6.4465	1.0970	7.5435	1.7303	1.0261	2.7563	0.0000	13,079.58 70	13,079.58 70	1.7401	0.0000	13,123.09 01
2026	10.0804	33.3918	47.3145	0.1284	6.4465	1.0957	7.5422	1.7303	1.0248	2.7551	0.0000	12,906.85 48	12,906.85 48	1.7303	0.0000	12,950.11 28
Maximum	11.6108	109.8571	61.6945	0.1744	6.4466	4.0650	10.1289	1.8719	3.7402	5.6121	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	23.89	0.00	20.63	28.36	0.00	15.96	0.00	0.00	0.00	0.00	0.00	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/3/2020	8/19/2020	5	13	
2	Crushing	Grading	8/3/2020	10/9/2020	5	50	
3	Site Preparation	Site Preparation	8/20/2020	11/25/2020	5	70	
4	Mass Grading	Grading	11/26/2020	6/23/2021	5	150	
5	Precise Grading	Grading	3/1/2021	7/22/2021	5	104	
6	Building Construction	Building Construction	10/1/2021	8/13/2026	5	1270	
7	Paving	Paving	10/1/2021	8/13/2026	5	1270	
8	Architectural Coating	Architectural Coating	10/1/2021	8/13/2026	5	1270	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 2,181,204; Residential Outdoor: 727,068; Non-Residential Indoor: 63,750; Non-Residential Outdoor: 21,250; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Crushing	Crushing/Proc. Equipment	1	8.00	200	0.78
Crushing	Excavators	0	8.00	158	0.38
Crushing	Graders	0	8.00	187	0.41
Crushing	Rubber Tired Dozers	0	8.00	247	0.40
Crushing	Scrapers	0	8.00	367	0.48
Crushing	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Mass Grading	Excavators	0	8.00	158	0.38
Mass Grading	Graders	0	8.00	187	0.41
Mass Grading	Rubber Tired Dozers	1	8.00	247	0.40
Mass Grading	Scrapers	6	8.00	585	0.48
Mass Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Precise Grading	Excavators	0	8.00	158	0.38
Precise Grading	Graders	0	8.00	187	0.41
Precise Grading	Rubber Tired Dozers	0	8.00	247	0.40
Precise Grading	Scrapers	0	8.00	367	0.48
Precise Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	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	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	747.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Crushing	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Mass Grading	8	20.00	0.00	1,875.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Precise Grading	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	400.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.2 Demolition - 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					
Fugitive Dust					12.4371	0.0000	12.4371	1.8831	0.0000	1.8831			0.0000			0.0000
Off-Road	1.7435	17.9552	11.9588	0.0199		0.9381	0.9381		0.8630	0.8630		1,928.998 0	1,928.998 0	0.6239		1,944.594 9
Total	1.7435	17.9552	11.9588	0.0199	12.4371	0.9381	13.3752	1.8831	0.8630	2.7461		1,928.998 0	1,928.998 0	0.6239		1,944.594 9

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	0.4447	15.9991	4.2034	0.0433	1.0005	0.0521	1.0526	0.2739	0.0498	0.3237		4,827.803 1	4,827.803 1	0.5202		4,840.807 8
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	0.0434	0.0266	0.3025	1.0300e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		103.1621	103.1621	2.3500e-003		103.2210
Total	0.4881	16.0257	4.5059	0.0444	1.1123	0.0528	1.1651	0.3035	0.0505	0.3541		4,930.965 2	4,930.965 2	0.5225		4,944.028 8

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.2 Demolition - 2020**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					4.8505	0.0000	4.8505	0.7344	0.0000	0.7344			0.0000			0.0000
Off-Road	1.7435	17.9552	11.9588	0.0199		0.9381	0.9381		0.8630	0.8630	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9
Total	1.7435	17.9552	11.9588	0.0199	4.8505	0.9381	5.7886	0.7344	0.8630	1.5974	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9

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	0.4447	15.9991	4.2034	0.0433	1.0005	0.0521	1.0526	0.2739	0.0498	0.3237		4,827.803 1	4,827.803 1	0.5202		4,840.807 8
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	0.0434	0.0266	0.3025	1.0300e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		103.1621	103.1621	2.3500e-003		103.2210
Total	0.4881	16.0257	4.5059	0.0444	1.1123	0.0528	1.1651	0.3035	0.0505	0.3541		4,930.965 2	4,930.965 2	0.5225		4,944.028 8

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.3 Crushing - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7952	5.5413	3.0953	0.0165		0.1788	0.1788		0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.7952	5.5413	3.0953	0.0165	0.0000	0.1788	0.1788	0.0000	0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663
Total	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.3 Crushing - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7952	5.5413	3.0953	0.0165		0.1788	0.1788		0.1788	0.1788	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.7952	5.5413	3.0953	0.0165	0.0000	0.1788	0.1788	0.0000	0.1788	0.1788	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663
Total	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.4 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4190	4.2103	4.5594	6.2100e-003		0.2662	0.2662		0.2449	0.2449		601.5370	601.5370	0.1946		606.4008
Total	0.4190	4.2103	4.5594	6.2100e-003	0.0000	0.2662	0.2662	0.0000	0.2449	0.2449		601.5370	601.5370	0.1946		606.4008

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	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105
Total	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.4 Site Preparation - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4190	4.2103	4.5594	6.2100e-003		0.2662	0.2662		0.2449	0.2449	0.0000	601.5370	601.5370	0.1946		606.4008
Total	0.4190	4.2103	4.5594	6.2100e-003	0.0000	0.2662	0.2662	0.0000	0.2449	0.2449	0.0000	601.5370	601.5370	0.1946		606.4008

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	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105
Total	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.5 Mass Grading - 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					
Fugitive Dust					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	9.0790	106.3235	57.6700	0.1564		4.0521	4.0521		3.7280	3.7280		15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	9.0790	106.3235	57.6700	0.1564	12.3964	4.0521	16.4485	3.9990	3.7280	7.7270		15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0967	3.4804	0.9144	9.4200e-003	1.0058	0.0113	1.0172	0.2530	0.0108	0.2639		1,050.224 9	1,050.224 9	0.1132		1,053.053 9
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	0.0869	0.0532	0.6051	2.0700e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		206.3242	206.3242	4.7100e-003		206.4419
Total	0.1836	3.5336	1.5195	0.0115	1.2294	0.0128	1.2422	0.3123	0.0122	0.3245		1,256.549 1	1,256.549 1	0.1179		1,259.495 8

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.5 Mass Grading - 2020**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					4.8346	0.0000	4.8346	1.5596	0.0000	1.5596			0.0000			0.0000
Off-Road	9.0790	106.3235	57.6700	0.1564		4.0521	4.0521		3.7280	3.7280	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	9.0790	106.3235	57.6700	0.1564	4.8346	4.0521	8.8867	1.5596	3.7280	5.2876	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0967	3.4804	0.9144	9.4200e-003	1.0058	0.0113	1.0172	0.2530	0.0108	0.2639		1,050.224 9	1,050.224 9	0.1132		1,053.053 9
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	0.0869	0.0532	0.6051	2.0700e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		206.3242	206.3242	4.7100e-003		206.4419
Total	0.1836	3.5336	1.5195	0.0115	1.2294	0.0128	1.2422	0.3123	0.0122	0.3245		1,256.549 1	1,256.549 1	0.1179		1,259.495 8

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.5 Mass 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					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	8.6749	98.6542	55.5569	0.1564		3.7722	3.7722		3.4704	3.4704		15,147.2684	15,147.2684	4.8989		15,269.7417
Total	8.6749	98.6542	55.5569	0.1564	12.3964	3.7722	16.1686	3.9990	3.4704	7.4694		15,147.2684	15,147.2684	4.8989		15,269.7417

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	0.0922	3.2152	0.9164	9.2900e-003	0.2523	0.0102	0.2625	0.0681	9.7200e-003	0.0778		1,037.3129	1,037.3129	0.1116		1,040.1040
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	0.0817	0.0480	0.5605	2.0000e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		199.1664	199.1664	4.2600e-003		199.2731
Total	0.1740	3.2632	1.4770	0.0113	0.4758	0.0116	0.4875	0.1274	0.0111	0.1384		1,236.4794	1,236.4794	0.1159		1,239.3771

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.5 Mass 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					4.8346	0.0000	4.8346	1.5596	0.0000	1.5596			0.0000			0.0000
Off-Road	8.6749	98.6542	55.5569	0.1564		3.7722	3.7722		3.4704	3.4704	0.0000	15,147.26 84	15,147.26 84	4.8989		15,269.74 17
Total	8.6749	98.6542	55.5569	0.1564	4.8346	3.7722	8.6068	1.5596	3.4704	5.0300	0.0000	15,147.26 84	15,147.26 84	4.8989		15,269.74 17

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	0.0922	3.2152	0.9164	9.2900e-003	0.2523	0.0102	0.2625	0.0681	9.7200e-003	0.0778		1,037.312 9	1,037.312 9	0.1116		1,040.104 0
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	0.0817	0.0480	0.5605	2.0000e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		199.1664	199.1664	4.2600e-003		199.2731
Total	0.1740	3.2632	1.4770	0.0113	0.4758	0.0116	0.4875	0.1274	0.0111	0.1384		1,236.479 4	1,236.479 4	0.1159		1,239.377 1

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057		601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	0.0000	0.2236	0.2236	0.0000	0.2057	0.2057		601.8002	601.8002	0.1946		606.6660

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	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183
Total	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057	0.0000	601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	0.0000	0.2236	0.2236	0.0000	0.2057	0.2057	0.0000	601.8002	601.8002	0.1946		606.6660

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	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183
Total	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 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	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.4005	13.3838	3.9915	0.0344	0.9136	0.0289	0.9426	0.2629	0.0277	0.2906		3,749.3027	3,749.3027	0.3161		3,757.2062
Worker	1.6346	0.9599	11.2107	0.0399	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		3,983.3288	3,983.3288	0.0853		3,985.4612
Total	2.0351	14.3437	15.2022	0.0744	5.3847	0.0579	5.4426	1.4487	0.0543	1.5030		7,732.6314	7,732.6314	0.4014		7,742.6673

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 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	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.4005	13.3838	3.9915	0.0344	0.9136	0.0289	0.9426	0.2629	0.0277	0.2906		3,749.3027	3,749.3027	0.3161		3,757.2062
Worker	1.6346	0.9599	11.2107	0.0399	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		3,983.3288	3,983.3288	0.0853		3,985.4612
Total	2.0351	14.3437	15.2022	0.0744	5.3847	0.0579	5.4426	1.4487	0.0543	1.5030		7,732.6314	7,732.6314	0.4014		7,742.6673

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3766	12.6533	3.8486	0.0340	0.9136	0.0252	0.9388	0.2629	0.0241	0.2870		3,712.1268	3,712.1268	0.3057		3,719.7681
Worker	1.5488	0.8695	10.4472	0.0385	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		3,835.9151	3,835.9151	0.0774		3,837.8503
Total	1.9254	13.5229	14.2958	0.0725	5.3847	0.0536	5.4382	1.4487	0.0502	1.4989		7,548.0419	7,548.0419	0.3831		7,557.6184

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2022**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	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3766	12.6533	3.8486	0.0340	0.9136	0.0252	0.9388	0.2629	0.0241	0.2870		3,712.1268	3,712.1268	0.3057		3,719.7681
Worker	1.5488	0.8695	10.4472	0.0385	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		3,835.9151	3,835.9151	0.0774		3,837.8503
Total	1.9254	13.5229	14.2958	0.0725	5.3847	0.0536	5.4382	1.4487	0.0502	1.4989		7,548.0419	7,548.0419	0.3831		7,557.6184

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288
Total	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2868	9.5244	3.5365	0.0329	0.9136	0.0122	0.9258	0.2629	0.0117	0.2746		3,600.8723	3,600.8723	0.2826		3,607.9376
Worker	1.4712	0.7893	9.7276	0.0370	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,688.6335	3,688.6335	0.0701		3,690.3871
Total	1.7580	10.3137	13.2642	0.0699	5.3847	0.0401	5.4248	1.4487	0.0374	1.4860		7,289.5058	7,289.5058	0.3528		7,298.3247

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2023**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	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288
Total	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2868	9.5244	3.5365	0.0329	0.9136	0.0122	0.9258	0.2629	0.0117	0.2746		3,600.8723	3,600.8723	0.2826		3,607.9376
Worker	1.4712	0.7893	9.7276	0.0370	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,688.6335	3,688.6335	0.0701		3,690.3871
Total	1.7580	10.3137	13.2642	0.0699	5.3847	0.0401	5.4248	1.4487	0.0374	1.4860		7,289.5058	7,289.5058	0.3528		7,298.3247

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2024**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	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9

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	0.2770	9.4064	3.4607	0.0326	0.9136	0.0119	0.9255	0.2629	0.0114	0.2743		3,572.711 2	3,572.711 2	0.2779		3,579.658 2
Worker	1.4028	0.7187	9.0458	0.0355	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,542.504 3	3,542.504 3	0.0636		3,544.095 2
Total	1.6798	10.1250	12.5066	0.0681	5.3847	0.0393	5.4240	1.4487	0.0366	1.4853		7,115.215 5	7,115.215 5	0.3415		7,123.753 4

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2024**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	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9

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	0.2770	9.4064	3.4607	0.0326	0.9136	0.0119	0.9255	0.2629	0.0114	0.2743		3,572.711 2	3,572.711 2	0.2779		3,579.658 2
Worker	1.4028	0.7187	9.0458	0.0355	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,542.504 3	3,542.504 3	0.0636		3,544.095 2
Total	1.6798	10.1250	12.5066	0.0681	5.3847	0.0393	5.4240	1.4487	0.0366	1.4853		7,115.215 5	7,115.215 5	0.3415		7,123.753 4

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2025**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2698	9.2850	3.4171	0.0324	0.9136	0.0116	0.9252	0.2629	0.0111	0.2740		3,551.1810	3,551.1810	0.2738		3,558.0258
Worker	1.3442	0.6591	8.4386	0.0341	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,399.4329	3,399.4329	0.0582		3,400.8871
Total	1.6140	9.9441	11.8557	0.0665	5.3846	0.0387	5.4233	1.4487	0.0360	1.4847		6,950.6139	6,950.6139	0.3320		6,958.9129

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2025**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2698	9.2850	3.4171	0.0324	0.9136	0.0116	0.9252	0.2629	0.0111	0.2740		3,551.1810	3,551.1810	0.2738		3,558.0258
Worker	1.3442	0.6591	8.4386	0.0341	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,399.4329	3,399.4329	0.0582		3,400.8871
Total	1.6140	9.9441	11.8557	0.0665	5.3846	0.0387	5.4233	1.4487	0.0360	1.4847		6,950.6139	6,950.6139	0.3320		6,958.9129

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2026**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2634	9.1636	3.3870	0.0322	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,530.5100	3,530.5100	0.2698		3,537.2557
Worker	1.2936	0.6084	7.9188	0.0328	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,276.5552	3,276.5552	0.0535		3,277.8914
Total	1.5569	9.7720	11.3058	0.0650	5.3846	0.0376	5.4222	1.4487	0.0350	1.4836		6,807.0652	6,807.0652	0.3233		6,815.1471

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.7 Building Construction - 2026**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2634	9.1636	3.3870	0.0322	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,530.5100	3,530.5100	0.2698		3,537.2557
Worker	1.2936	0.6084	7.9188	0.0328	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,276.5552	3,276.5552	0.0535		3,277.8914
Total	1.5569	9.7720	11.3058	0.0650	5.3846	0.0376	5.4222	1.4487	0.0350	1.4836		6,807.0652	6,807.0652	0.3233		6,815.1471

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194
Total	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2022**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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194
Total	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2024**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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036
Total	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2024**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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036
Total	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2025**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333
Total	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2025**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333
Total	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2026**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209
Total	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.8 Paving - 2026**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209
Total	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	5.9091	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079

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	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922
Total	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079
Total	5.9091	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079

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	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922
Total	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	5.8900	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749

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	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701
Total	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2022**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	5.8900	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749

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	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701
Total	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	5.8728	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

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	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774
Total	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2023**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	5.8728	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253

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	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774
Total	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	5.8583	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

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	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190
Total	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923
Total	5.8583	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923

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	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190
Total	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774
Total	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774
Total	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783
Total	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783
Total	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783

4.0 Operational Detail - Mobile

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

4.1 Mitigation Measures Mobile

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

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

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	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
High Turnover (Sit Down Restaurant)	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Supermarket	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Unmitigated	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

10.0 Stationary Equipment

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Winter

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

Rancho La Habra Project Development (Construction - Unmitigated)

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000.00	0
Condo/Townhouse	145.00	Dwelling Unit	9.06	275,500.00	435
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831
Supermarket	12.00	1000sqft	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Construction Schedule adjusted to be consistent with the 2023 OY.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment -

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Trips and VMT - Building Construction (BC) Worker trips based on Construction Traffic Impacts; BC vendor trips and architectural coating worker trips decreased proportional to the proportional decrease in BC worker trips

Demolition -

Grading -

Architectural Coating -

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Woodstoves - Construction Run Only.

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - Rule 403

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	13.00
tblConstructionPhase	NumDays	310.00	50.00
tblConstructionPhase	NumDays	120.00	70.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	310.00	104.00
tblConstructionPhase	NumDays	3,100.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.99	0.00
tblEnergyUse	LightingElect	7.66	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	8.68	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	3.83	0.00
tblEnergyUse	NT24E	20.11	0.00
tblEnergyUse	NT24E	6,155.97	0.00
tblEnergyUse	NT24E	25.23	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	6.86	0.00
tblEnergyUse	NT24NG	180.76	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	10.60	0.00
tblEnergyUse	T24E	172.41	0.00
tblEnergyUse	T24E	1.63	0.00
tblEnergyUse	T24E	8.71	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblEnergyUse	T24E	253.73	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	12,129.63	0.00
tblEnergyUse	T24NG	14.04	0.00
tblEnergyUse	T24NG	78.56	0.00
tblEnergyUse	T24NG	20,288.91	0.00
tblEnergyUse	T24NG	9.95	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	123.25	0.00
tblFireplaces	NumberGas	235.45	0.00
tblFireplaces	NumberNoFireplace	14.50	0.00
tblFireplaces	NumberNoFireplace	27.70	0.00
tblFireplaces	NumberWood	7.25	0.00
tblFireplaces	NumberWood	13.85	0.00
tblGrading	MaterialImported	0.00	15,000.00
tblLandUse	LandUseSquareFeet	145,000.00	275,500.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	415.00	435.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	HorsePower	367.00	585.00
tblOffRoadEquipment	HorsePower	85.00	200.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblSolidWaste	SolidWasteGenerationRate	3.62	0.00
tblSolidWaste	SolidWasteGenerationRate	66.70	0.00
tblSolidWaste	SolidWasteGenerationRate	128.25	0.00
tblSolidWaste	SolidWasteGenerationRate	95.20	0.00
tblSolidWaste	SolidWasteGenerationRate	340.71	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblSolidWaste	SolidWasteGenerationRate	67.68	0.00
tblTripsAndVMT	VendorTripNumber	353.00	143.00
tblTripsAndVMT	WorkerTripNumber	991.00	400.00
tblTripsAndVMT	WorkerTripNumber	198.00	80.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	7.1096e-007
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9764e-003
tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6957e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	7.9170e-003	2.5791e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.08	3.7172e-006
tblVehicleEF	HHD	0.03	8.8967e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	7.5037e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.09	4.0699e-006
tblVehicleEF	HHD	0.37	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	6.8287e-007
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5082e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24
tblVehicleEF	HHD	6.9760e-003	2.3520e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	6.6740e-003	2.2503e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.08	3.5798e-006
tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	7.4302e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.09	3.9195e-006
tblVehicleEF	HHD	0.42	0.02

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	HHD	0.17	8.7798e-004
tblVehicleEF	HHD	0.06	7.1763e-007
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27
tblVehicleEF	HHD	0.01	2.8857e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	9.6330e-003	2.7609e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4573e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.08	3.7490e-006

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	HHD	0.03	9.0385e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	7.5177e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.09	4.1047e-006
tblVehicleEF	LDA	2.7580e-003	1.4539e-003
tblVehicleEF	LDA	2.8090e-003	0.03
tblVehicleEF	LDA	0.43	0.49
tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2342e-003
tblVehicleEF	LDA	4.8900e-004	4.5753e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3927e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5499e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3745e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3252e-003
tblVehicleEF	LDA	4.8800e-004	4.5329e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4238e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9944e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2006e-003
tblVehicleEF	LDA	4.9000e-004	4.5846e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2532e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2242e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.7370e-003	2.6899e-003
tblVehicleEF	LDT1	6.4900e-004	5.5911e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4156e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7839e-003
tblVehicleEF	LDT1	6.4500e-004	5.5423e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1636e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61
tblVehicleEF	LDT1	0.07	0.05

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6552e-003
tblVehicleEF	LDT1	6.4900e-004	5.6018e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4814e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27
tblVehicleEF	LDT2	305.47	284.99

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4619e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8192e-003
tblVehicleEF	LDT2	7.0100e-004	5.9004e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6377e-003
tblVehicleEF	LDT2	3.5660e-003	0.04
tblVehicleEF	LDT2	0.63	0.72

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9749e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9084e-003
tblVehicleEF	LDT2	6.9900e-004	5.8443e-004
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.8920e-003	2.4323e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2897e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7863e-003
tblVehicleEF	LDT2	7.0100e-004	5.9127e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8055e-003
tblVehicleEF	LHD1	5.8690e-003	3.0275e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.05	0.03

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0657e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8154e-003
tblVehicleEF	LHD1	5.9560e-003	3.0669e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9308e-003
tblVehicleEF	LHD1	3.1400e-004	1.0594e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8037e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0666e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4118e-003
tblVehicleEF	LHD2	2.5500e-003	2.5031e-003
tblVehicleEF	LHD2	5.1240e-003	7.7083e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2343e-005
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4188e-003
tblVehicleEF	LHD2	2.5710e-003	2.5214e-003
tblVehicleEF	LHD2	4.9820e-003	7.4668e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.28

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6300e-004	8.1932e-005
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4105e-003
tblVehicleEF	LHD2	2.5450e-003	2.4983e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2408e-005
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1237e-003
tblVehicleEF	MCY	6.5200e-004	5.8022e-004
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1121e-003
tblVehicleEF	MCY	6.3300e-004	5.6267e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1254e-003
tblVehicleEF	MCY	6.5500e-004	5.8338e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71
tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4955e-003
tblVehicleEF	MDV	9.4800e-004	7.1663e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1499e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92
tblVehicleEF	MDV	92.03	71.80

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5872e-003
tblVehicleEF	MDV	9.4400e-004	7.1049e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9054e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69
tblVehicleEF	MDV	1.68	2.52

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4616e-003
tblVehicleEF	MDV	9.4900e-004	7.1797e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.26	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.07	0.07

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3061e-003
tblVehicleEF	MHD	2.3010e-003	9.7878e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01
tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89
tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3672e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	5.5000e-005	1.3080e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.03	9.2412e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9079e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.1100e-004	1.0774e-004
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0869e-003
tblVehicleEF	MHD	2.3200e-003	9.9519e-004
tblVehicleEF	MHD	0.04	9.5988e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92
tblVehicleEF	MHD	4.8000e-005	1.1758e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	4.6000e-005	1.1249e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.03	9.3047e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.8956e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.0700e-004	1.0694e-004
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05
tblVehicleEF	MHD	0.02	4.6237e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MHD	2.2950e-003	9.7301e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95
tblVehicleEF	MHD	7.0000e-005	1.6315e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	6.7000e-005	1.5609e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.03	9.2222e-003
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.25	0.05

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	MHD	1.3030e-003	4.9243e-004
tblVehicleEF	MHD	0.01	9.0981e-003
tblVehicleEF	MHD	6.1100e-004	1.0789e-004
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	OBUS	0.01	8.6081e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0732e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.4000e-005	1.0268e-004

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6663e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8266e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6902e-003
tblVehicleEF	OBUS	4.5620e-003	3.5422e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43
tblVehicleEF	OBUS	4.28	2.01

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23
tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5363e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.2000e-005	9.1238e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5810e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8084e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5167e-003
tblVehicleEF	OBUS	4.4690e-003	3.4503e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2384e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.7000e-005	1.1848e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7840e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8296e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1395e-003
tblVehicleEF	SBUS	0.06	8.9683e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18
tblVehicleEF	SBUS	2.88	4.33

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	SBUS	4.9650e-003	3.4992e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.7500e-003	3.3478e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4332e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4400e-004	7.1436e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.47	0.06

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2398e-003
tblVehicleEF	SBUS	0.06	8.0601e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25
tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9567e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.0050e-003	2.8288e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.06

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5052e-003
tblVehicleEF	SBUS	0.01	9.9764e-003
tblVehicleEF	SBUS	7.2000e-004	6.8013e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1113e-003
tblVehicleEF	SBUS	0.07	9.0985e-003
tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2484e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	SBUS	5.7800e-003	4.0646e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4600e-004	7.1764e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81
tblVehicleEF	UBUS	1,771.11	2,017.13

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6000e-003	1.9349e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	6.71	41.12

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.5790e-003	1.9002e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11
tblVehicleEF	UBUS	1.41	5.27

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6040e-003	1.9411e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.05

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.10	0.00
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.90	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	52.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblWater	IndoorWaterUseRate	9,447,333.72	0.00
tblWater	IndoorWaterUseRate	1,330,720.74	0.00
tblWater	IndoorWaterUseRate	2,428,269.70	0.00
tblWater	IndoorWaterUseRate	18,047,665.10	0.00
tblWater	IndoorWaterUseRate	1,479,218.58	0.00
tblWater	OutdoorWaterUseRate	50,161,364.82	0.00
tblWater	OutdoorWaterUseRate	5,955,927.78	0.00
tblWater	OutdoorWaterUseRate	815,603.03	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

tblWater	OutdoorWaterUseRate	154,995.94	0.00
tblWater	OutdoorWaterUseRate	11,377,875.82	0.00
tblWater	OutdoorWaterUseRate	45,749.03	0.00
tblWoodstoves	NumberCatalytic	7.25	0.00
tblWoodstoves	NumberCatalytic	13.85	0.00
tblWoodstoves	NumberNoncatalytic	7.25	0.00
tblWoodstoves	NumberNoncatalytic	13.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	9.2502	109.8091	59.1932	0.1682	13.6258	4.0647	17.6905	4.3113	3.7400	8.0513	0.0000	16,431.21 32	16,431.21 32	5.0143	0.0000	16,556.57 10
2021	11.3556	105.6781	61.7097	0.1747	12.9281	4.0075	16.9356	4.1412	3.6873	7.8285	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94
2022	10.8547	43.4412	51.9830	0.1407	6.4465	1.6007	8.0473	1.7303	1.4992	3.2294	0.0000	14,141.40 48	14,141.40 48	1.8028	0.0000	14,186.47 39
2023	10.4511	37.8353	50.6741	0.1377	6.4465	1.3988	7.8453	1.7303	1.3095	3.0398	0.0000	13,833.88 83	13,833.88 83	1.7667	0.0000	13,878.05 69
2024	10.1969	35.8441	49.6584	0.1354	6.4465	1.2514	7.6979	1.7303	1.1709	2.9011	0.0000	13,613.99 35	13,613.99 35	1.7494	0.0000	13,657.72 87
2025	9.9253	33.5553	48.6733	0.1333	6.4465	1.0964	7.5430	1.7303	1.0255	2.7558	0.0000	13,404.11 48	13,404.11 48	1.7345	0.0000	13,447.47 70
2026	9.8604	33.3760	47.9564	0.1315	6.4465	1.0952	7.5417	1.7303	1.0244	2.7546	0.0000	13,221.59 29	13,221.59 29	1.7249	0.0000	13,264.71 51
Maximum	11.3556	109.8091	61.7097	0.1747	13.6258	4.0647	17.6905	4.3113	3.7400	8.0513	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	9.2502	109.8091	59.1932	0.1682	6.0640	4.0647	10.1287	1.8719	3.7400	5.6119	0.0000	16,431.21 32	16,431.21 32	5.0143	0.0000	16,556.57 09
2021	11.3556	105.6781	61.7097	0.1747	6.4466	4.0075	9.3738	1.7303	3.6873	5.3891	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94
2022	10.8547	43.4412	51.9830	0.1407	6.4465	1.6007	8.0473	1.7303	1.4992	3.2294	0.0000	14,141.40 48	14,141.40 48	1.8028	0.0000	14,186.47 39
2023	10.4511	37.8353	50.6741	0.1377	6.4465	1.3988	7.8453	1.7303	1.3095	3.0398	0.0000	13,833.88 83	13,833.88 83	1.7667	0.0000	13,878.05 69
2024	10.1969	35.8441	49.6584	0.1354	6.4465	1.2514	7.6979	1.7303	1.1709	2.9011	0.0000	13,613.99 34	13,613.99 34	1.7494	0.0000	13,657.72 87
2025	9.9253	33.5553	48.6733	0.1333	6.4465	1.0964	7.5430	1.7303	1.0255	2.7558	0.0000	13,404.11 48	13,404.11 48	1.7345	0.0000	13,447.47 70
2026	9.8604	33.3760	47.9564	0.1315	6.4465	1.0952	7.5417	1.7303	1.0244	2.7546	0.0000	13,221.59 29	13,221.59 29	1.7249	0.0000	13,264.71 51
Maximum	11.3556	109.8091	61.7097	0.1747	6.4466	4.0647	10.1287	1.8719	3.7400	5.6119	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	23.89	0.00	20.63	28.36	0.00	15.96	0.00	0.00	0.00	0.00	0.00	0.00

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/3/2020	8/19/2020	5	13	
2	Crushing	Grading	8/3/2020	10/9/2020	5	50	
3	Site Preparation	Site Preparation	8/20/2020	11/25/2020	5	70	
4	Mass Grading	Grading	11/26/2020	6/23/2021	5	150	
5	Precise Grading	Grading	3/1/2021	7/22/2021	5	104	
6	Building Construction	Building Construction	10/1/2021	8/13/2026	5	1270	
7	Paving	Paving	10/1/2021	8/13/2026	5	1270	
8	Architectural Coating	Architectural Coating	10/1/2021	8/13/2026	5	1270	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 2,181,204; Residential Outdoor: 727,068; Non-Residential Indoor: 63,750; Non-Residential Outdoor: 21,250; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Crushing	Crushing/Proc. Equipment	1	8.00	200	0.78
Crushing	Excavators	0	8.00	158	0.38
Crushing	Graders	0	8.00	187	0.41
Crushing	Rubber Tired Dozers	0	8.00	247	0.40
Crushing	Scrapers	0	8.00	367	0.48
Crushing	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Mass Grading	Excavators	0	8.00	158	0.38
Mass Grading	Graders	0	8.00	187	0.41
Mass Grading	Rubber Tired Dozers	1	8.00	247	0.40
Mass Grading	Scrapers	6	8.00	585	0.48
Mass Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Precise Grading	Excavators	0	8.00	158	0.38
Precise Grading	Graders	0	8.00	187	0.41
Precise Grading	Rubber Tired Dozers	0	8.00	247	0.40
Precise Grading	Scrapers	0	8.00	367	0.48
Precise Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	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	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	747.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Crushing	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Mass Grading	8	20.00	0.00	1,875.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Precise Grading	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	400.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.2 Demolition - 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					
Fugitive Dust					12.4371	0.0000	12.4371	1.8831	0.0000	1.8831			0.0000			0.0000
Off-Road	1.7435	17.9552	11.9588	0.0199		0.9381	0.9381		0.8630	0.8630		1,928.998 0	1,928.998 0	0.6239		1,944.594 9
Total	1.7435	17.9552	11.9588	0.0199	12.4371	0.9381	13.3752	1.8831	0.8630	2.7461		1,928.998 0	1,928.998 0	0.6239		1,944.594 9

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	0.4339	15.8002	3.9923	0.0440	1.0005	0.0512	1.0517	0.2739	0.0489	0.3228		4,901.801 9	4,901.801 9	0.5081		4,914.504 6
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	0.0384	0.0242	0.3273	1.0900e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		109.0044	109.0044	2.4800e-003		109.0665
Total	0.4723	15.8244	4.3196	0.0451	1.1123	0.0519	1.1642	0.3035	0.0496	0.3532		5,010.806 2	5,010.806 2	0.5106		5,023.571 1

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.2 Demolition - 2020**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					4.8505	0.0000	4.8505	0.7344	0.0000	0.7344			0.0000			0.0000
Off-Road	1.7435	17.9552	11.9588	0.0199		0.9381	0.9381		0.8630	0.8630	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9
Total	1.7435	17.9552	11.9588	0.0199	4.8505	0.9381	5.7886	0.7344	0.8630	1.5974	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9

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	0.4339	15.8002	3.9923	0.0440	1.0005	0.0512	1.0517	0.2739	0.0489	0.3228		4,901.801 9	4,901.801 9	0.5081		4,914.504 6
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	0.0384	0.0242	0.3273	1.0900e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		109.0044	109.0044	2.4800e-003		109.0665
Total	0.4723	15.8244	4.3196	0.0451	1.1123	0.0519	1.1642	0.3035	0.0496	0.3532		5,010.806 2	5,010.806 2	0.5106		5,023.571 1

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.3 Crushing - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7952	5.5413	3.0953	0.0165		0.1788	0.1788		0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.7952	5.5413	3.0953	0.0165	0.0000	0.1788	0.1788	0.0000	0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199
Total	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.3 Crushing - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7952	5.5413	3.0953	0.0165		0.1788	0.1788		0.1788	0.1788	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.7952	5.5413	3.0953	0.0165	0.0000	0.1788	0.1788	0.0000	0.1788	0.1788	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199
Total	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.4 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4190	4.2103	4.5594	6.2100e-003		0.2662	0.2662		0.2449	0.2449		601.5370	601.5370	0.1946		606.4008
Total	0.4190	4.2103	4.5594	6.2100e-003	0.0000	0.2662	0.2662	0.0000	0.2449	0.2449		601.5370	601.5370	0.1946		606.4008

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	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332
Total	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.4 Site Preparation - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4190	4.2103	4.5594	6.2100e-003		0.2662	0.2662		0.2449	0.2449	0.0000	601.5370	601.5370	0.1946		606.4008
Total	0.4190	4.2103	4.5594	6.2100e-003	0.0000	0.2662	0.2662	0.0000	0.2449	0.2449	0.0000	601.5370	601.5370	0.1946		606.4008

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	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332
Total	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.5 Mass Grading - 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					
Fugitive Dust					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	9.0790	106.3235	57.6700	0.1564		4.0521	4.0521		3.7280	3.7280		15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	9.0790	106.3235	57.6700	0.1564	12.3964	4.0521	16.4485	3.9990	3.7280	7.7270		15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0944	3.4371	0.8685	9.5700e-003	1.0058	0.0111	1.0170	0.2530	0.0107	0.2637		1,066.322 4	1,066.322 4	0.1105		1,069.085 7
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	0.0769	0.0484	0.6547	2.1900e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		218.0087	218.0087	4.9700e-003		218.1330
Total	0.1713	3.4855	1.5231	0.0118	1.2294	0.0126	1.2420	0.3123	0.0120	0.3243		1,284.331 1	1,284.331 1	0.1155		1,287.218 6

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.5 Mass Grading - 2020**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					4.8346	0.0000	4.8346	1.5596	0.0000	1.5596			0.0000			0.0000
Off-Road	9.0790	106.3235	57.6700	0.1564		4.0521	4.0521		3.7280	3.7280	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	9.0790	106.3235	57.6700	0.1564	4.8346	4.0521	8.8867	1.5596	3.7280	5.2876	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0944	3.4371	0.8685	9.5700e-003	1.0058	0.0111	1.0170	0.2530	0.0107	0.2637		1,066.322 4	1,066.322 4	0.1105		1,069.085 7
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	0.0769	0.0484	0.6547	2.1900e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		218.0087	218.0087	4.9700e-003		218.1330
Total	0.1713	3.4855	1.5231	0.0118	1.2294	0.0126	1.2420	0.3123	0.0120	0.3243		1,284.331 1	1,284.331 1	0.1155		1,287.218 6

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.5 Mass 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					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	8.6749	98.6542	55.5569	0.1564		3.7722	3.7722		3.4704	3.4704		15,147.2684	15,147.2684	4.8989		15,269.7417
Total	8.6749	98.6542	55.5569	0.1564	12.3964	3.7722	16.1686	3.9990	3.4704	7.4694		15,147.2684	15,147.2684	4.8989		15,269.7417

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	0.0900	3.1777	0.8730	9.4300e-003	0.2523	9.9800e-003	0.2623	0.0681	9.5500e-003	0.0776		1,053.2723	1,053.2723	0.1092		1,056.0023
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	0.0722	0.0437	0.6075	2.1100e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		210.4388	210.4388	4.5100e-003		210.5515
Total	0.1622	3.2214	1.4804	0.0115	0.4758	0.0114	0.4873	0.1274	0.0109	0.1383		1,263.7111	1,263.7111	0.1137		1,266.5538

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.5 Mass 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					4.8346	0.0000	4.8346	1.5596	0.0000	1.5596			0.0000			0.0000
Off-Road	8.6749	98.6542	55.5569	0.1564		3.7722	3.7722		3.4704	3.4704	0.0000	15,147.26 84	15,147.26 84	4.8989		15,269.74 17
Total	8.6749	98.6542	55.5569	0.1564	4.8346	3.7722	8.6068	1.5596	3.4704	5.0300	0.0000	15,147.26 84	15,147.26 84	4.8989		15,269.74 17

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	0.0900	3.1777	0.8730	9.4300e-003	0.2523	9.9800e-003	0.2623	0.0681	9.5500e-003	0.0776		1,053.272 3	1,053.272 3	0.1092		1,056.002 3
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	0.0722	0.0437	0.6075	2.1100e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		210.4388	210.4388	4.5100e-003		210.5515
Total	0.1622	3.2214	1.4804	0.0115	0.4758	0.0114	0.4873	0.1274	0.0109	0.1383		1,263.711 1	1,263.711 1	0.1137		1,266.553 8

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057		601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	0.0000	0.2236	0.2236	0.0000	0.2057	0.2057		601.8002	601.8002	0.1946		606.6660

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	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379
Total	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057	0.0000	601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	0.0000	0.2236	0.2236	0.0000	0.2057	0.2057	0.0000	601.8002	601.8002	0.1946		606.6660

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	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379
Total	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 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	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.3816	13.4154	3.6383	0.0353	0.9136	0.0279	0.9415	0.2629	0.0267	0.2896		3,843.7328	3,843.7328	0.3014		3,851.2678
Worker	1.4438	0.8736	12.1492	0.0422	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		4,208.7766	4,208.7766	0.0901		4,211.0298
Total	1.8253	14.2890	15.7875	0.0775	5.3847	0.0568	5.4415	1.4487	0.0533	1.5020		8,052.5094	8,052.5094	0.3915		8,062.2976

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 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	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.3816	13.4154	3.6383	0.0353	0.9136	0.0279	0.9415	0.2629	0.0267	0.2896		3,843.7328	3,843.7328	0.3014		3,851.2678
Worker	1.4438	0.8736	12.1492	0.0422	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		4,208.7766	4,208.7766	0.0901		4,211.0298
Total	1.8253	14.2890	15.7875	0.0775	5.3847	0.0568	5.4415	1.4487	0.0533	1.5020		8,052.5094	8,052.5094	0.3915		8,062.2976

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3588	12.6920	3.5131	0.0349	0.9136	0.0242	0.9379	0.2629	0.0232	0.2861		3,805.9823	3,805.9823	0.2920		3,813.2814
Worker	1.3645	0.7914	11.3391	0.0406	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		4,052.8049	4,052.8049	0.0819		4,054.8513
Total	1.7232	13.4834	14.8522	0.0755	5.3847	0.0526	5.4373	1.4487	0.0493	1.4980		7,858.7873	7,858.7873	0.3738		7,868.1327

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2022**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	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3588	12.6920	3.5131	0.0349	0.9136	0.0242	0.9379	0.2629	0.0232	0.2861		3,805.9823	3,805.9823	0.2920		3,813.2814
Worker	1.3645	0.7914	11.3391	0.0406	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		4,052.8049	4,052.8049	0.0819		4,054.8513
Total	1.7232	13.4834	14.8522	0.0755	5.3847	0.0526	5.4373	1.4487	0.0493	1.4980		7,858.7873	7,858.7873	0.3738		7,868.1327

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288
Total	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2731	9.5794	3.2789	0.0337	0.9136	0.0115	0.9251	0.2629	0.0110	0.2739		3,690.3517	3,690.3517	0.2714		3,697.1372
Worker	1.2922	0.7186	10.5746	0.0391	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,896.9979	3,896.9979	0.0743		3,898.8541
Total	1.5652	10.2979	13.8535	0.0728	5.3847	0.0394	5.4241	1.4487	0.0367	1.4854		7,587.3496	7,587.3496	0.3457		7,595.9913

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2023**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	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288
Total	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2731	9.5794	3.2789	0.0337	0.9136	0.0115	0.9251	0.2629	0.0110	0.2739		3,690.3517	3,690.3517	0.2714		3,697.1372
Worker	1.2922	0.7186	10.5746	0.0391	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,896.9979	3,896.9979	0.0743		3,898.8541
Total	1.5652	10.2979	13.8535	0.0728	5.3847	0.0394	5.4241	1.4487	0.0367	1.4854		7,587.3496	7,587.3496	0.3457		7,595.9913

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2024**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	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9

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	0.2638	9.4598	3.2108	0.0334	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,661.036 9	3,661.036 9	0.2673		3,667.720 4
Worker	1.2280	0.6544	9.8435	0.0375	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,742.572 1	3,742.572 1	0.0674		3,744.257 6
Total	1.4918	10.1141	13.0543	0.0709	5.3847	0.0387	5.4234	1.4487	0.0360	1.4847		7,403.609 0	7,403.609 0	0.3348		7,411.978 0

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2024**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	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9

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	0.2638	9.4598	3.2108	0.0334	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,661.036 9	3,661.036 9	0.2673		3,667.720 4
Worker	1.2280	0.6544	9.8435	0.0375	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,742.572 1	3,742.572 1	0.0674		3,744.257 6
Total	1.4918	10.1141	13.0543	0.0709	5.3847	0.0387	5.4234	1.4487	0.0360	1.4847		7,403.609 0	7,403.609 0	0.3348		7,411.978 0

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2025**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2570	9.3372	3.1737	0.0332	0.9136	0.0111	0.9246	0.2629	0.0106	0.2735		3,638.3451	3,638.3451	0.2638		3,644.9408
Worker	1.1733	0.6002	9.1892	0.0360	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,591.2420	3,591.2420	0.0617		3,592.7836
Total	1.4304	9.9374	12.3629	0.0692	5.3846	0.0381	5.4228	1.4487	0.0355	1.4841		7,229.5871	7,229.5871	0.3255		7,237.7244

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2025**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2570	9.3372	3.1737	0.0332	0.9136	0.0111	0.9246	0.2629	0.0106	0.2735		3,638.3451	3,638.3451	0.2638		3,644.9408
Worker	1.1733	0.6002	9.1892	0.0360	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,591.2420	3,591.2420	0.0617		3,592.7836
Total	1.4304	9.9374	12.3629	0.0692	5.3846	0.0381	5.4228	1.4487	0.0355	1.4841		7,229.5871	7,229.5871	0.3255		7,237.7244

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2026**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2510	9.2149	3.1492	0.0329	0.9136	0.0108	0.9244	0.2629	0.0103	0.2732		3,616.5620	3,616.5620	0.2604		3,623.0715
Worker	1.1258	0.5542	8.6297	0.0347	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,461.3520	3,461.3520	0.0567		3,462.7693
Total	1.3768	9.7691	11.7789	0.0676	5.3846	0.0371	5.4217	1.4487	0.0345	1.4832		7,077.9140	7,077.9140	0.3171		7,085.8408

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.7 Building Construction - 2026**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2510	9.2149	3.1492	0.0329	0.9136	0.0108	0.9244	0.2629	0.0103	0.2732		3,616.5620	3,616.5620	0.2604		3,623.0715
Worker	1.1258	0.5542	8.6297	0.0347	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,461.3520	3,461.3520	0.0567		3,462.7693
Total	1.3768	9.7691	11.7789	0.0676	5.3846	0.0371	5.4217	1.4487	0.0345	1.4832		7,077.9140	7,077.9140	0.3171		7,085.8408

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569
Total	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2022**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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569
Total	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2024**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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097
Total	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2024**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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097
Total	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2025**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294
Total	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2025**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294
Total	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2026**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539
Total	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.8 Paving - 2026**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539
Total	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	5.9091	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079

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	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060
Total	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079
Total	5.9091	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079

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	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060
Total	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	5.8900	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749

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	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703
Total	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2022**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	5.8900	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749

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	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703
Total	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	5.8728	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

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	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708
Total	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2023**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	5.8728	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253

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	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708
Total	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	5.8583	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

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	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515
Total	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923
Total	5.8583	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923

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	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515
Total	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567
Total	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567
Total	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539
Total	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539
Total	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539

4.0 Operational Detail - Mobile

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

4.1 Mitigation Measures Mobile

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

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

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	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
High Turnover (Sit Down Restaurant)	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Supermarket	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Unmitigated	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Unmitigated) - Orange 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	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

10.0 Stationary Equipment

Rancho La Habra Project Development (Construction - Unmitigated) - Orange County, Summer

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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APPENDIX 3.2:

CALEEMOD CONSTRUCTION (MITIGATED) EMISSIONS MODEL OUTPUTS

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

Rancho La Habra Project Development (Construction - Mitigated)

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000.00	0
Condo/Townhouse	145.00	Dwelling Unit	9.06	275,500.00	435
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831
Supermarket	12.00	1000sqft	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Construction Schedule adjusted to be consistent with the 2023 OY.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment -

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Trips and VMT - Building Construction (BC) Worker trips based on Construction Traffic Impacts; BC vendor trips and architectural coating worker trips decreased proportional to the proportional decrease in BC worker trips

Demolition -

Grading -

Architectural Coating -

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Woodstoves - Construction Run Only.

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - Exposed area will be watered 4 times per day, resulting in 74 percent fugitive dust reduction; All construction equipment except 3/6 scrapers will meet U.S EPA/CARB Tier 4 standards.

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

[illegible]

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	13.00
tblConstructionPhase	NumDays	310.00	50.00
tblConstructionPhase	NumDays	120.00	70.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	310.00	104.00
tblConstructionPhase	NumDays	3,100.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.99	0.00
tblEnergyUse	LightingElect	7.66	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	8.68	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	3.83	0.00
tblEnergyUse	NT24E	20.11	0.00
tblEnergyUse	NT24E	6,155.97	0.00
tblEnergyUse	NT24E	25.23	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	6.86	0.00
tblEnergyUse	NT24NG	180.76	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	10.60	0.00
tblEnergyUse	T24E	172.41	0.00
tblEnergyUse	T24E	1.63	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblEnergyUse	T24E	8.71	0.00
tblEnergyUse	T24E	253.73	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	12,129.63	0.00
tblEnergyUse	T24NG	14.04	0.00
tblEnergyUse	T24NG	78.56	0.00
tblEnergyUse	T24NG	20,288.91	0.00
tblEnergyUse	T24NG	9.95	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	123.25	0.00
tblFireplaces	NumberGas	235.45	0.00
tblFireplaces	NumberNoFireplace	14.50	0.00
tblFireplaces	NumberNoFireplace	27.70	0.00
tblFireplaces	NumberWood	7.25	0.00
tblFireplaces	NumberWood	13.85	0.00
tblGrading	MaterialImported	0.00	15,000.00
tblLandUse	LandUseSquareFeet	145,000.00	275,500.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	415.00	435.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	HorsePower	367.00	585.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tbloffRoadEquipment	HorsePower	85.00	200.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tbloffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tbloffRoadEquipment	UsageHours	6.00	8.00
tbloffRoadEquipment	UsageHours	7.00	8.00
tbloffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblSolidWaste	SolidWasteGenerationRate	3.62	0.00
tblSolidWaste	SolidWasteGenerationRate	66.70	0.00
tblSolidWaste	SolidWasteGenerationRate	128.25	0.00
tblSolidWaste	SolidWasteGenerationRate	95.20	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblSolidWaste	SolidWasteGenerationRate	340.71	0.00
tblSolidWaste	SolidWasteGenerationRate	67.68	0.00
tblTripsAndVMT	VendorTripNumber	353.00	143.00
tblTripsAndVMT	WorkerTripNumber	991.00	400.00
tblTripsAndVMT	WorkerTripNumber	198.00	80.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	7.1096e-007
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9764e-003
tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6957e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	7.9170e-003	2.5791e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.08	3.7172e-006
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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	7.5037e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.09	4.0699e-006
tblVehicleEF	HHD	0.37	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	6.8287e-007
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5082e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	6.9760e-003	2.3520e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	6.6740e-003	2.2503e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.08	3.5798e-006
tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	7.4302e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.09	3.9195e-006

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.17	8.7798e-004
tblVehicleEF	HHD	0.06	7.1763e-007
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tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27
tblVehicleEF	HHD	0.01	2.8857e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	9.6330e-003	2.7609e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4573e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.08	3.7490e-006
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tblVehicleEF	HHD	2.1800e-004	7.5177e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.09	4.1047e-006
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tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.03	0.04

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
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tblVehicleEF	LDA	4.8900e-004	4.5753e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3927e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5499e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
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tblVehicleEF	LDA	0.04	0.04
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tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	2.0130e-003	1.4288e-003
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tblVehicleEF	LDA	0.07	0.07
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tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3252e-003
tblVehicleEF	LDA	4.8800e-004	4.5329e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4238e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9944e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2006e-003
tblVehicleEF	LDA	4.9000e-004	4.5846e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2532e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2242e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.7370e-003	2.6899e-003
tblVehicleEF	LDT1	6.4900e-004	5.5911e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4156e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.04	0.04

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7839e-003
tblVehicleEF	LDT1	6.4500e-004	5.5423e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1636e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6552e-003
tblVehicleEF	LDT1	6.4900e-004	5.6018e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4814e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	305.47	284.99
tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4619e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8192e-003
tblVehicleEF	LDT2	7.0100e-004	5.9004e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6377e-003
tblVehicleEF	LDT2	3.5660e-003	0.04

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.63	0.72
tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9749e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9084e-003
tblVehicleEF	LDT2	6.9900e-004	5.8443e-004
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	3.8920e-003	2.4323e-003
tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2897e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7863e-003
tblVehicleEF	LDT2	7.0100e-004	5.9127e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8055e-003
tblVehicleEF	LHD1	5.8690e-003	3.0275e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0657e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8154e-003
tblVehicleEF	LHD1	5.9560e-003	3.0669e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9308e-003
tblVehicleEF	LHD1	3.1400e-004	1.0594e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8037e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	3.1600e-004	1.0666e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4118e-003
tblVehicleEF	LHD2	2.5500e-003	2.5031e-003
tblVehicleEF	LHD2	5.1240e-003	7.7083e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2343e-005
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4188e-003
tblVehicleEF	LHD2	2.5710e-003	2.5214e-003
tblVehicleEF	LHD2	4.9820e-003	7.4668e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	24.66	8.28
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6300e-004	8.1932e-005
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4105e-003
tblVehicleEF	LHD2	2.5450e-003	2.4983e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2408e-005
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1237e-003
tblVehicleEF	MCY	6.5200e-004	5.8022e-004
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1121e-003
tblVehicleEF	MCY	6.3300e-004	5.6267e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1254e-003
tblVehicleEF	MCY	6.5500e-004	5.8338e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71
tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4955e-003
tblVehicleEF	MDV	9.4800e-004	7.1663e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1499e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MDV	92.03	71.80
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5872e-003
tblVehicleEF	MDV	9.4400e-004	7.1049e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9054e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MDV	1.68	2.52
tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4616e-003
tblVehicleEF	MDV	9.4900e-004	7.1797e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0182e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3061e-003
tblVehicleEF	MHD	2.3010e-003	9.7878e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01
tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89
tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3672e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	5.5000e-005	1.3080e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.3800e-004	4.4901e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.03	9.2412e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9079e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.1100e-004	1.0774e-004
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0869e-003
tblVehicleEF	MHD	2.3200e-003	9.9519e-004
tblVehicleEF	MHD	0.04	9.5988e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	4.8000e-005	1.1758e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	4.6000e-005	1.1249e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.03	9.3047e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.8956e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.0700e-004	1.0694e-004
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.02	4.6237e-003
tblVehicleEF	MHD	2.2950e-003	9.7301e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95
tblVehicleEF	MHD	7.0000e-005	1.6315e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	6.7000e-005	1.5609e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.03	9.2222e-003
tblVehicleEF	MHD	0.02	0.11

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.3030e-003	4.9243e-004
tblVehicleEF	MHD	0.01	9.0981e-003
tblVehicleEF	MHD	6.1100e-004	1.0789e-004
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	OBUS	0.01	8.6081e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0732e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	1.4000e-005	1.0268e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6663e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8266e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6902e-003
tblVehicleEF	OBUS	4.5620e-003	3.5422e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	4.28	2.01
tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23
tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5363e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.2000e-005	9.1238e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5810e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8084e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5167e-003
tblVehicleEF	OBUS	4.4690e-003	3.4503e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2384e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.7000e-005	1.1848e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7840e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8296e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1395e-003
tblVehicleEF	SBUS	0.06	8.9683e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	2.88	4.33
tblVehicleEF	SBUS	4.9650e-003	3.4992e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.7500e-003	3.3478e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4332e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4400e-004	7.1436e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.47	0.06
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2398e-003
tblVehicleEF	SBUS	0.06	8.0601e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25
tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9567e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.0050e-003	2.8288e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.09	0.09

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5052e-003
tblVehicleEF	SBUS	0.01	9.9764e-003
tblVehicleEF	SBUS	7.2000e-004	6.8013e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1113e-003
tblVehicleEF	SBUS	0.07	9.0985e-003
tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2484e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	5.7800e-003	4.0646e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4600e-004	7.1764e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6000e-003	1.9349e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	6.71	41.12
tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.5790e-003	1.9002e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6040e-003	1.9411e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	1.71	5.38

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.10	0.00
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.90	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	28.00	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	52.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblWater	IndoorWaterUseRate	9,447,333.72	0.00
tblWater	IndoorWaterUseRate	1,330,720.74	0.00
tblWater	IndoorWaterUseRate	2,428,269.70	0.00
tblWater	IndoorWaterUseRate	18,047,665.10	0.00
tblWater	IndoorWaterUseRate	1,479,218.58	0.00
tblWater	OutdoorWaterUseRate	50,161,364.82	0.00
tblWater	OutdoorWaterUseRate	5,955,927.78	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

tblWater	OutdoorWaterUseRate	815,603.03	0.00
tblWater	OutdoorWaterUseRate	154,995.94	0.00
tblWater	OutdoorWaterUseRate	11,377,875.82	0.00
tblWater	OutdoorWaterUseRate	45,749.03	0.00
tblWoodstoves	NumberCatalytic	7.25	0.00
tblWoodstoves	NumberCatalytic	13.85	0.00
tblWoodstoves	NumberNoncatalytic	7.25	0.00
tblWoodstoves	NumberNoncatalytic	13.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	9.2626	109.8571	59.1895	0.1679	13.6258	4.0650	17.6907	4.3113	3.7402	8.0515	0.0000	16,403.43 12	16,403.43 12	5.0167	0.0000	16,528.84 81
2021	11.6108	105.7210	61.6945	0.1744	12.9281	4.0077	16.9358	4.1412	3.6875	7.8286	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31
2022	11.1007	43.4993	51.2148	0.1372	6.4465	1.6017	8.0482	1.7303	1.5001	3.2303	0.0000	13,779.14 81	13,779.14 81	1.8109	0.0000	13,824.42 18
2023	10.6863	37.8679	49.8836	0.1343	6.4465	1.3995	7.8460	1.7303	1.3102	3.0405	0.0000	13,486.55 80	13,486.55 80	1.7729	0.0000	13,530.87 94
2024	10.4264	35.8703	48.9212	0.1322	6.4465	1.2520	7.6986	1.7303	1.1715	2.9017	0.0000	13,278.08 39	13,278.08 39	1.7553	0.0000	13,321.96 55
2025	10.1495	33.5760	47.9878	0.1302	6.4465	1.0970	7.5435	1.7303	1.0261	2.7563	0.0000	13,079.58 70	13,079.58 70	1.7401	0.0000	13,123.09 01
2026	10.0804	33.3918	47.3145	0.1284	6.4465	1.0957	7.5422	1.7303	1.0248	2.7551	0.0000	12,906.85 49	12,906.85 49	1.7303	0.0000	12,950.11 28
Maximum	11.6108	109.8571	61.6945	0.1744	13.6258	4.0650	17.6907	4.3113	3.7402	8.0515	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.1126	54.4572	66.0107	0.1679	4.4524	1.8327	6.2851	1.3521	1.6975	3.0496	0.0000	16,403.43 12	16,403.43 12	5.0167	0.0000	16,528.84 81
2021	8.7116	50.9785	69.7926	0.1744	6.4466	1.7239	6.5979	1.7303	1.5982	2.7802	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31
2022	8.5815	17.4513	55.1793	0.1372	6.4465	0.1468	6.5934	1.7303	0.1430	1.8732	0.0000	13,779.14 81	13,779.14 81	1.8109	0.0000	13,824.42 18
2023	8.3956	14.2231	53.9768	0.1343	6.4465	0.1333	6.5798	1.7303	0.1300	1.8603	0.0000	13,486.55 80	13,486.55 80	1.7729	0.0000	13,530.87 94
2024	8.3012	14.0176	53.0573	0.1322	6.4465	0.1324	6.5789	1.7303	0.1292	1.8594	0.0000	13,278.08 39	13,278.08 39	1.7553	0.0000	13,321.96 55
2025	8.2215	13.8226	52.2622	0.1302	6.4465	0.1317	6.5782	1.7303	0.1285	1.8588	0.0000	13,079.58 70	13,079.58 70	1.7401	0.0000	13,123.09 01
2026	8.1524	13.6384	51.5888	0.1284	6.4465	0.1304	6.5769	1.7303	0.1273	1.8575	0.0000	12,906.85 48	12,906.85 48	1.7303	0.0000	12,950.11 28
Maximum	8.7116	54.4572	69.7926	0.1744	6.4466	1.8327	6.5979	1.7303	1.6975	3.0496	0.0000	17,035.33 95	17,035.33 95	5.2105	0.0000	17,165.60 31

	ROG	NOx	CO	SO2	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	24.33	55.33	-9.74	0.00	26.63	70.86	37.53	31.40	70.63	50.47	0.00	0.00	0.00	0.00	0.00	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/3/2020	8/19/2020	5	13	
2	Crushing	Grading	8/3/2020	10/9/2020	5	50	
3	Site Preparation	Site Preparation	8/20/2020	11/25/2020	5	70	
4	Mass Grading	Grading	11/26/2020	6/23/2021	5	150	
5	Precise Grading	Grading	3/1/2021	7/22/2021	5	104	
6	Building Construction	Building Construction	10/1/2021	8/13/2026	5	1270	
7	Paving	Paving	10/1/2021	8/13/2026	5	1270	
8	Architectural Coating	Architectural Coating	10/1/2021	8/13/2026	5	1270	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 2,181,204; Residential Outdoor: 727,068; Non-Residential Indoor: 63,750; Non-Residential Outdoor: 21,250; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Crushing	Crushing/Proc. Equipment	1	8.00	200	0.78
Crushing	Excavators	0	8.00	158	0.38
Crushing	Graders	0	8.00	187	0.41
Crushing	Rubber Tired Dozers	0	8.00	247	0.40
Crushing	Scrapers	0	8.00	367	0.48
Crushing	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Mass Grading	Excavators	0	8.00	158	0.38
Mass Grading	Graders	0	8.00	187	0.41
Mass Grading	Rubber Tired Dozers	1	8.00	247	0.40
Mass Grading	Scrapers	6	8.00	585	0.48
Mass Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Precise Grading	Excavators	0	8.00	158	0.38
Precise Grading	Graders	0	8.00	187	0.41
Precise Grading	Rubber Tired Dozers	0	8.00	247	0.40
Precise Grading	Scrapers	0	8.00	367	0.48
Precise Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	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	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	747.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Crushing	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Mass Grading	8	20.00	0.00	1,875.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Precise Grading	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	400.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.2 Demolition - 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					
Fugitive Dust					12.4371	0.0000	12.4371	1.8831	0.0000	1.8831			0.0000			0.0000
Off-Road	1.7435	17.9552	11.9588	0.0199		0.9381	0.9381		0.8630	0.8630		1,928.998 0	1,928.998 0	0.6239		1,944.594 9
Total	1.7435	17.9552	11.9588	0.0199	12.4371	0.9381	13.3752	1.8831	0.8630	2.7461		1,928.998 0	1,928.998 0	0.6239		1,944.594 9

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	0.4447	15.9991	4.2034	0.0433	1.0005	0.0521	1.0526	0.2739	0.0498	0.3237		4,827.803 1	4,827.803 1	0.5202		4,840.807 8
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	0.0434	0.0266	0.3025	1.0300e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		103.1621	103.1621	2.3500e-003		103.2210
Total	0.4881	16.0257	4.5059	0.0444	1.1123	0.0528	1.1651	0.3035	0.0505	0.3541		4,930.965 2	4,930.965 2	0.5225		4,944.028 8

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.2 Demolition - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2337	0.0000	3.2337	0.4896	0.0000	0.4896			0.0000			0.0000
Off-Road	0.2441	1.0575	12.4357	0.0199		0.0325	0.0325		0.0325	0.0325	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9
Total	0.2441	1.0575	12.4357	0.0199	3.2337	0.0325	3.2662	0.4896	0.0325	0.5221	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9

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	0.4447	15.9991	4.2034	0.0433	1.0005	0.0521	1.0526	0.2739	0.0498	0.3237		4,827.803 1	4,827.803 1	0.5202		4,840.807 8
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	0.0434	0.0266	0.3025	1.0300e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		103.1621	103.1621	2.3500e-003		103.2210
Total	0.4881	16.0257	4.5059	0.0444	1.1123	0.0528	1.1651	0.3035	0.0505	0.3541		4,930.965 2	4,930.965 2	0.5225		4,944.028 8

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.3 Crushing - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7952	5.5413	3.0953	0.0165		0.1788	0.1788		0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.7952	5.5413	3.0953	0.0165	0.0000	0.1788	0.1788	0.0000	0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663
Total	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.3 Crushing - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1651	0.7154	6.0530	0.0165		0.0220	0.0220		0.0220	0.0220	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.1651	0.7154	6.0530	0.0165	0.0000	0.0220	0.0220	0.0000	0.0220	0.0220	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663
Total	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.4 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4190	4.2103	4.5594	6.2100e-003		0.2662	0.2662		0.2449	0.2449		601.5370	601.5370	0.1946		606.4008
Total	0.4190	4.2103	4.5594	6.2100e-003	0.0000	0.2662	0.2662	0.0000	0.2449	0.2449		601.5370	601.5370	0.1946		606.4008

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	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105
Total	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.4 Site Preparation - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0760	0.3292	4.6841	6.2100e-003		0.0101	0.0101		0.0101	0.0101	0.0000	601.5370	601.5370	0.1946		606.4008
Total	0.0760	0.3292	4.6841	6.2100e-003	0.0000	0.0101	0.0101	0.0000	0.0101	0.0101	0.0000	601.5370	601.5370	0.1946		606.4008

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	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105
Total	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.5 Mass Grading - 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					
Fugitive Dust					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	9.0790	106.3235	57.6700	0.1564		4.0521	4.0521		3.7280	3.7280		15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	9.0790	106.3235	57.6700	0.1564	12.3964	4.0521	16.4485	3.9990	3.7280	7.7270		15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0967	3.4804	0.9144	9.4200e-003	1.0058	0.0113	1.0172	0.2530	0.0108	0.2639		1,050.224 9	1,050.224 9	0.1132		1,053.053 9
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	0.0869	0.0532	0.6051	2.0700e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		206.3242	206.3242	4.7100e-003		206.4419
Total	0.1836	3.5336	1.5195	0.0115	1.2294	0.0128	1.2422	0.3123	0.0122	0.3245		1,256.549 1	1,256.549 1	0.1179		1,259.495 8

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.5 Mass Grading - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2231	0.0000	3.2231	1.0397	0.0000	1.0397			0.0000			0.0000
Off-Road	4.9290	50.9236	64.4913	0.1564		1.8199	1.8199		1.6853	1.6853	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	4.9290	50.9236	64.4913	0.1564	3.2231	1.8199	5.0429	1.0397	1.6853	2.7251	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0967	3.4804	0.9144	9.4200e-003	1.0058	0.0113	1.0172	0.2530	0.0108	0.2639		1,050.224 9	1,050.224 9	0.1132		1,053.053 9
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	0.0869	0.0532	0.6051	2.0700e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		206.3242	206.3242	4.7100e-003		206.4419
Total	0.1836	3.5336	1.5195	0.0115	1.2294	0.0128	1.2422	0.3123	0.0122	0.3245		1,256.549 1	1,256.549 1	0.1179		1,259.495 8

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.5 Mass 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					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	8.6749	98.6542	55.5569	0.1564		3.7722	3.7722		3.4704	3.4704		15,147.2684	15,147.2684	4.8989		15,269.7417
Total	8.6749	98.6542	55.5569	0.1564	12.3964	3.7722	16.1686	3.9990	3.4704	7.4694		15,147.2684	15,147.2684	4.8989		15,269.7417

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	0.0922	3.2152	0.9164	9.2900e-003	0.2523	0.0102	0.2625	0.0681	9.7200e-003	0.0778		1,037.3129	1,037.3129	0.1116		1,040.1040
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	0.0817	0.0480	0.5605	2.0000e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		199.1664	199.1664	4.2600e-003		199.2731
Total	0.1740	3.2632	1.4770	0.0113	0.4758	0.0116	0.4875	0.1274	0.0111	0.1384		1,236.4794	1,236.4794	0.1159		1,239.3771

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.5 Mass 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					3.2231	0.0000	3.2231	1.0397	0.0000	1.0397			0.0000			0.0000
Off-Road	4.7546	47.3741	63.4914	0.1564		1.7018	1.7018		1.5767	1.5767	0.0000	15,147.2684	15,147.2684	4.8989		15,269.7417
Total	4.7546	47.3741	63.4914	0.1564	3.2231	1.7018	4.9249	1.0397	1.5767	2.6165	0.0000	15,147.2684	15,147.2684	4.8989		15,269.7417

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	0.0922	3.2152	0.9164	9.2900e-003	0.2523	0.0102	0.2625	0.0681	9.7200e-003	0.0778		1,037.3129	1,037.3129	0.1116		1,040.1040
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	0.0817	0.0480	0.5605	2.0000e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		199.1664	199.1664	4.2600e-003		199.2731
Total	0.1740	3.2632	1.4770	0.0113	0.4758	0.0116	0.4875	0.1274	0.0111	0.1384		1,236.4794	1,236.4794	0.1159		1,239.3771

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057		601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	0.0000	0.2236	0.2236	0.0000	0.2057	0.2057		601.8002	601.8002	0.1946		606.6660

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	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183
Total	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0760	0.3292	4.6841	6.2100e-003		0.0101	0.0101		0.0101	0.0101	0.0000	601.8002	601.8002	0.1946		606.6660
Total	0.0760	0.3292	4.6841	6.2100e-003	0.0000	0.0101	0.0101	0.0000	0.0101	0.0101	0.0000	601.8002	601.8002	0.1946		606.6660

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	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183
Total	0.0204	0.0120	0.1401	5.0000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		49.7916	49.7916	1.0700e-003		49.8183

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 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	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.4005	13.3838	3.9915	0.0344	0.9136	0.0289	0.9426	0.2629	0.0277	0.2906		3,749.3027	3,749.3027	0.3161		3,757.2062
Worker	1.6346	0.9599	11.2107	0.0399	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		3,983.3288	3,983.3288	0.0853		3,985.4612
Total	2.0351	14.3437	15.2022	0.0744	5.3847	0.0579	5.4426	1.4487	0.0543	1.5030		7,732.6314	7,732.6314	0.4014		7,742.6673

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.4005	13.3838	3.9915	0.0344	0.9136	0.0289	0.9426	0.2629	0.0277	0.2906		3,749.3027	3,749.3027	0.3161		3,757.2062
Worker	1.6346	0.9599	11.2107	0.0399	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		3,983.3288	3,983.3288	0.0853		3,985.4612
Total	2.0351	14.3437	15.2022	0.0744	5.3847	0.0579	5.4426	1.4487	0.0543	1.5030		7,732.6314	7,732.6314	0.4014		7,742.6673

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3766	12.6533	3.8486	0.0340	0.9136	0.0252	0.9388	0.2629	0.0241	0.2870		3,712.1268	3,712.1268	0.3057		3,719.7681
Worker	1.5488	0.8695	10.4472	0.0385	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		3,835.9151	3,835.9151	0.0774		3,837.8503
Total	1.9254	13.5229	14.2958	0.0725	5.3847	0.0536	5.4382	1.4487	0.0502	1.4989		7,548.0419	7,548.0419	0.3831		7,557.6184

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2022**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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3766	12.6533	3.8486	0.0340	0.9136	0.0252	0.9388	0.2629	0.0241	0.2870		3,712.1268	3,712.1268	0.3057		3,719.7681
Worker	1.5488	0.8695	10.4472	0.0385	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		3,835.9151	3,835.9151	0.0774		3,837.8503
Total	1.9254	13.5229	14.2958	0.0725	5.3847	0.0536	5.4382	1.4487	0.0502	1.4989		7,548.0419	7,548.0419	0.3831		7,557.6184

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288
Total	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2868	9.5244	3.5365	0.0329	0.9136	0.0122	0.9258	0.2629	0.0117	0.2746		3,600.8723	3,600.8723	0.2826		3,607.9376
Worker	1.4712	0.7893	9.7276	0.0370	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,688.6335	3,688.6335	0.0701		3,690.3871
Total	1.7580	10.3137	13.2642	0.0699	5.3847	0.0401	5.4248	1.4487	0.0374	1.4860		7,289.5058	7,289.5058	0.3528		7,298.3247

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2023**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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2868	9.5244	3.5365	0.0329	0.9136	0.0122	0.9258	0.2629	0.0117	0.2746		3,600.8723	3,600.8723	0.2826		3,607.9376
Worker	1.4712	0.7893	9.7276	0.0370	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,688.6335	3,688.6335	0.0701		3,690.3871
Total	1.7580	10.3137	13.2642	0.0699	5.3847	0.0401	5.4248	1.4487	0.0374	1.4860		7,289.5058	7,289.5058	0.3528		7,298.3247

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2024**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	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9

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	0.2770	9.4064	3.4607	0.0326	0.9136	0.0119	0.9255	0.2629	0.0114	0.2743		3,572.711 2	3,572.711 2	0.2779		3,579.658 2
Worker	1.4028	0.7187	9.0458	0.0355	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,542.504 3	3,542.504 3	0.0636		3,544.095 2
Total	1.6798	10.1250	12.5066	0.0681	5.3847	0.0393	5.4240	1.4487	0.0366	1.4853		7,115.215 5	7,115.215 5	0.3415		7,123.753 4

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2024**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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9

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	0.2770	9.4064	3.4607	0.0326	0.9136	0.0119	0.9255	0.2629	0.0114	0.2743		3,572.711 2	3,572.711 2	0.2779		3,579.658 2
Worker	1.4028	0.7187	9.0458	0.0355	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,542.504 3	3,542.504 3	0.0636		3,544.095 2
Total	1.6798	10.1250	12.5066	0.0681	5.3847	0.0393	5.4240	1.4487	0.0366	1.4853		7,115.215 5	7,115.215 5	0.3415		7,123.753 4

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2025**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2698	9.2850	3.4171	0.0324	0.9136	0.0116	0.9252	0.2629	0.0111	0.2740		3,551.1810	3,551.1810	0.2738		3,558.0258
Worker	1.3442	0.6591	8.4386	0.0341	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,399.4329	3,399.4329	0.0582		3,400.8871
Total	1.6140	9.9441	11.8557	0.0665	5.3846	0.0387	5.4233	1.4487	0.0360	1.4847		6,950.6139	6,950.6139	0.3320		6,958.9129

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2025**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	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2698	9.2850	3.4171	0.0324	0.9136	0.0116	0.9252	0.2629	0.0111	0.2740		3,551.1810	3,551.1810	0.2738		3,558.0258
Worker	1.3442	0.6591	8.4386	0.0341	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,399.4329	3,399.4329	0.0582		3,400.8871
Total	1.6140	9.9441	11.8557	0.0665	5.3846	0.0387	5.4233	1.4487	0.0360	1.4847		6,950.6139	6,950.6139	0.3320		6,958.9129

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2026**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2634	9.1636	3.3870	0.0322	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,530.5100	3,530.5100	0.2698		3,537.2557
Worker	1.2936	0.6084	7.9188	0.0328	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,276.5552	3,276.5552	0.0535		3,277.8914
Total	1.5569	9.7720	11.3058	0.0650	5.3846	0.0376	5.4222	1.4487	0.0350	1.4836		6,807.0652	6,807.0652	0.3233		6,815.1471

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.7 Building Construction - 2026**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	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2634	9.1636	3.3870	0.0322	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,530.5100	3,530.5100	0.2698		3,537.2557
Worker	1.2936	0.6084	7.9188	0.0328	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,276.5552	3,276.5552	0.0535		3,277.8914
Total	1.5569	9.7720	11.3058	0.0650	5.3846	0.0376	5.4222	1.4487	0.0350	1.4836		6,807.0652	6,807.0652	0.3233		6,815.1471

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 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	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194
Total	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2022**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194
Total	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2024**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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036
Total	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036
Total	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2025**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333
Total	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333
Total	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2026**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209
Total	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.8 Paving - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209
Total	0.0485	0.0228	0.2970	1.2300e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		122.8708	122.8708	2.0000e-003		122.9209

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	5.9091	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079

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	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922
Total	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079

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	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922
Total	0.3269	0.1920	2.2421	7.9900e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		796.6658	796.6658	0.0171		797.0922

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	5.8900	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749

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	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701
Total	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2022**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0244		375.8749
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0244		375.8749

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	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701
Total	0.3098	0.1739	2.0894	7.6900e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		767.1830	767.1830	0.0155		767.5701

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	5.8728	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

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	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774
Total	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2023**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253

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	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774
Total	0.2942	0.1579	1.9455	7.3900e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		737.7267	737.7267	0.0140		738.0774

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	5.8583	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

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	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190
Total	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923

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	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190
Total	0.2806	0.1437	1.8092	7.1000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		708.5009	708.5009	0.0127		708.8190

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774
Total	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774
Total	0.2688	0.1318	1.6877	6.8100e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		679.8866	679.8866	0.0116		680.1774

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783
Total	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783
Total	0.2587	0.1217	1.5838	6.5700e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		655.3110	655.3110	0.0107		655.5783

4.0 Operational Detail - Mobile

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

4.1 Mitigation Measures Mobile

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

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

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	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
High Turnover (Sit Down Restaurant)	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Supermarket	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Unmitigated	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

10.0 Stationary Equipment

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Winter

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

Rancho La Habra Project Development (Construction - Mitigated)

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000.00	0
Condo/Townhouse	145.00	Dwelling Unit	9.06	275,500.00	435
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831
Supermarket	12.00	1000sqft	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Construction Schedule adjusted to be consistent with the 2023 OY.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Hours are based on an 8-hour workday.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment -

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Off-road Equipment - Construction Equipment adjusted to be consistent with the equipment presented in the 2016 Air Study.

Trips and VMT - Building Construction (BC) Worker trips based on Construction Traffic Impacts; BC vendor trips and architectural coating worker trips decreased proportional to the proportional decrease in BC worker trips

Demolition -

Grading -

Architectural Coating -

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Woodstoves - Construction Run Only.

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - Exposed area will be watered 4 times per day, resulting in 74 percent fugitive dust reduction; All construction equipment except 3/6 scrapers will meet U.S EPA/CARB Tier 4 standards.

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

[illegible]

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	13.00
tblConstructionPhase	NumDays	310.00	50.00
tblConstructionPhase	NumDays	120.00	70.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	310.00	104.00
tblConstructionPhase	NumDays	3,100.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblConstructionPhase	NumDays	220.00	1,270.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.99	0.00
tblEnergyUse	LightingElect	7.66	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	LightingElect	8.68	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	3.83	0.00
tblEnergyUse	NT24E	20.11	0.00
tblEnergyUse	NT24E	6,155.97	0.00
tblEnergyUse	NT24E	25.23	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	6.86	0.00
tblEnergyUse	NT24NG	180.76	0.00
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	10.60	0.00
tblEnergyUse	T24E	172.41	0.00
tblEnergyUse	T24E	1.63	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblEnergyUse	T24E	8.71	0.00
tblEnergyUse	T24E	253.73	0.00
tblEnergyUse	T24E	4.71	0.00
tblEnergyUse	T24NG	12,129.63	0.00
tblEnergyUse	T24NG	14.04	0.00
tblEnergyUse	T24NG	78.56	0.00
tblEnergyUse	T24NG	20,288.91	0.00
tblEnergyUse	T24NG	9.95	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	123.25	0.00
tblFireplaces	NumberGas	235.45	0.00
tblFireplaces	NumberNoFireplace	14.50	0.00
tblFireplaces	NumberNoFireplace	27.70	0.00
tblFireplaces	NumberWood	7.25	0.00
tblFireplaces	NumberWood	13.85	0.00
tblGrading	MaterialImported	0.00	15,000.00
tblLandUse	LandUseSquareFeet	145,000.00	275,500.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	415.00	435.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	HorsePower	367.00	585.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblOffRoadEquipment	HorsePower	85.00	200.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblSolidWaste	SolidWasteGenerationRate	3.62	0.00
tblSolidWaste	SolidWasteGenerationRate	66.70	0.00
tblSolidWaste	SolidWasteGenerationRate	128.25	0.00
tblSolidWaste	SolidWasteGenerationRate	95.20	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblSolidWaste	SolidWasteGenerationRate	340.71	0.00
tblSolidWaste	SolidWasteGenerationRate	67.68	0.00
tblTripsAndVMT	VendorTripNumber	353.00	143.00
tblTripsAndVMT	WorkerTripNumber	991.00	400.00
tblTripsAndVMT	WorkerTripNumber	198.00	80.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	7.1096e-007
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9764e-003
tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6957e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	7.9170e-003	2.5791e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.08	3.7172e-006
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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	7.5037e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.09	4.0699e-006
tblVehicleEF	HHD	0.37	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	6.8287e-007
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5082e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	6.9760e-003	2.3520e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	6.6740e-003	2.2503e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.08	3.5798e-006
tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	7.4302e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.09	3.9195e-006

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.17	8.7798e-004
tblVehicleEF	HHD	0.06	7.1763e-007
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27
tblVehicleEF	HHD	0.01	2.8857e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	9.6330e-003	2.7609e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4573e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.08	3.7490e-006
tblVehicleEF	HHD	0.03	9.0385e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	7.5177e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.09	4.1047e-006
tblVehicleEF	LDA	2.7580e-003	1.4539e-003
tblVehicleEF	LDA	2.8090e-003	0.03
tblVehicleEF	LDA	0.43	0.49
tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.03	0.04

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2342e-003
tblVehicleEF	LDA	4.8900e-004	4.5753e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3927e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5499e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3745e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3252e-003
tblVehicleEF	LDA	4.8800e-004	4.5329e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4238e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9944e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2006e-003
tblVehicleEF	LDA	4.9000e-004	4.5846e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2532e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2242e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.7370e-003	2.6899e-003
tblVehicleEF	LDT1	6.4900e-004	5.5911e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4156e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.04	0.04

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7839e-003
tblVehicleEF	LDT1	6.4500e-004	5.5423e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1636e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6552e-003
tblVehicleEF	LDT1	6.4900e-004	5.6018e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4814e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	305.47	284.99
tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4619e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8192e-003
tblVehicleEF	LDT2	7.0100e-004	5.9004e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6377e-003
tblVehicleEF	LDT2	3.5660e-003	0.04

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.63	0.72
tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9749e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9084e-003
tblVehicleEF	LDT2	6.9900e-004	5.8443e-004
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	3.8920e-003	2.4323e-003
tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2897e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7863e-003
tblVehicleEF	LDT2	7.0100e-004	5.9127e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8055e-003
tblVehicleEF	LHD1	5.8690e-003	3.0275e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0657e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8154e-003
tblVehicleEF	LHD1	5.9560e-003	3.0669e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9308e-003
tblVehicleEF	LHD1	3.1400e-004	1.0594e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8037e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	3.1600e-004	1.0666e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4118e-003
tblVehicleEF	LHD2	2.5500e-003	2.5031e-003
tblVehicleEF	LHD2	5.1240e-003	7.7083e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2343e-005
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4188e-003
tblVehicleEF	LHD2	2.5710e-003	2.5214e-003
tblVehicleEF	LHD2	4.9820e-003	7.4668e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	24.66	8.28
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6300e-004	8.1932e-005
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4105e-003
tblVehicleEF	LHD2	2.5450e-003	2.4983e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2408e-005
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1237e-003
tblVehicleEF	MCY	6.5200e-004	5.8022e-004
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1121e-003
tblVehicleEF	MCY	6.3300e-004	5.6267e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1254e-003
tblVehicleEF	MCY	6.5500e-004	5.8338e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71
tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4955e-003
tblVehicleEF	MDV	9.4800e-004	7.1663e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1499e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MDV	92.03	71.80
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5872e-003
tblVehicleEF	MDV	9.4400e-004	7.1049e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9054e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MDV	1.68	2.52
tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4616e-003
tblVehicleEF	MDV	9.4900e-004	7.1797e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0182e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3061e-003
tblVehicleEF	MHD	2.3010e-003	9.7878e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01
tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89
tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3672e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	5.5000e-005	1.3080e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.3800e-004	4.4901e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.03	9.2412e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9079e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.1100e-004	1.0774e-004
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0869e-003
tblVehicleEF	MHD	2.3200e-003	9.9519e-004
tblVehicleEF	MHD	0.04	9.5988e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	4.8000e-005	1.1758e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	4.6000e-005	1.1249e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.03	9.3047e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.8956e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.0700e-004	1.0694e-004
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.02	4.6237e-003
tblVehicleEF	MHD	2.2950e-003	9.7301e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95
tblVehicleEF	MHD	7.0000e-005	1.6315e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	6.7000e-005	1.5609e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.03	9.2222e-003
tblVehicleEF	MHD	0.02	0.11

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.3030e-003	4.9243e-004
tblVehicleEF	MHD	0.01	9.0981e-003
tblVehicleEF	MHD	6.1100e-004	1.0789e-004
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	OBUS	0.01	8.6081e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0732e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	1.4000e-005	1.0268e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6663e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8266e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6902e-003
tblVehicleEF	OBUS	4.5620e-003	3.5422e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	4.28	2.01
tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23
tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5363e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.2000e-005	9.1238e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5810e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8084e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5167e-003
tblVehicleEF	OBUS	4.4690e-003	3.4503e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2384e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.7000e-005	1.1848e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7840e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8296e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1395e-003
tblVehicleEF	SBUS	0.06	8.9683e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	2.88	4.33
tblVehicleEF	SBUS	4.9650e-003	3.4992e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.7500e-003	3.3478e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4332e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4400e-004	7.1436e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.47	0.06
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2398e-003
tblVehicleEF	SBUS	0.06	8.0601e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25
tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9567e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.0050e-003	2.8288e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.09	0.09

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5052e-003
tblVehicleEF	SBUS	0.01	9.9764e-003
tblVehicleEF	SBUS	7.2000e-004	6.8013e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1113e-003
tblVehicleEF	SBUS	0.07	9.0985e-003
tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2484e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	5.7800e-003	4.0646e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4600e-004	7.1764e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6000e-003	1.9349e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	6.71	41.12
tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.5790e-003	1.9002e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6040e-003	1.9411e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	1.71	5.38

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.10	0.00
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.90	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	28.00	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	52.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblWater	IndoorWaterUseRate	9,447,333.72	0.00
tblWater	IndoorWaterUseRate	1,330,720.74	0.00
tblWater	IndoorWaterUseRate	2,428,269.70	0.00
tblWater	IndoorWaterUseRate	18,047,665.10	0.00
tblWater	IndoorWaterUseRate	1,479,218.58	0.00
tblWater	OutdoorWaterUseRate	50,161,364.82	0.00
tblWater	OutdoorWaterUseRate	5,955,927.78	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

tblWater	OutdoorWaterUseRate	815,603.03	0.00
tblWater	OutdoorWaterUseRate	154,995.94	0.00
tblWater	OutdoorWaterUseRate	11,377,875.82	0.00
tblWater	OutdoorWaterUseRate	45,749.03	0.00
tblWoodstoves	NumberCatalytic	7.25	0.00
tblWoodstoves	NumberCatalytic	13.85	0.00
tblWoodstoves	NumberNoncatalytic	7.25	0.00
tblWoodstoves	NumberNoncatalytic	13.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	9.2502	109.8091	59.1932	0.1682	13.6258	4.0647	17.6905	4.3113	3.7400	8.0513	0.0000	16,431.21 32	16,431.21 32	5.0143	0.0000	16,556.57 10
2021	11.3556	105.6781	61.7097	0.1747	12.9281	4.0075	16.9356	4.1412	3.6873	7.8285	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94
2022	10.8547	43.4412	51.9830	0.1407	6.4465	1.6007	8.0473	1.7303	1.4992	3.2294	0.0000	14,141.40 48	14,141.40 48	1.8028	0.0000	14,186.47 39
2023	10.4511	37.8353	50.6741	0.1377	6.4465	1.3988	7.8453	1.7303	1.3095	3.0398	0.0000	13,833.88 83	13,833.88 83	1.7667	0.0000	13,878.05 69
2024	10.1969	35.8441	49.6584	0.1354	6.4465	1.2514	7.6979	1.7303	1.1709	2.9011	0.0000	13,613.99 35	13,613.99 35	1.7494	0.0000	13,657.72 87
2025	9.9253	33.5553	48.6733	0.1333	6.4465	1.0964	7.5430	1.7303	1.0255	2.7558	0.0000	13,404.11 48	13,404.11 48	1.7345	0.0000	13,447.47 70
2026	9.8604	33.3760	47.9564	0.1315	6.4465	1.0952	7.5417	1.7303	1.0244	2.7546	0.0000	13,221.59 29	13,221.59 29	1.7249	0.0000	13,264.71 51
Maximum	11.3556	109.8091	61.7097	0.1747	13.6258	4.0647	17.6905	4.3113	3.7400	8.0513	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.1002	54.4092	66.0144	0.1682	4.4524	1.8325	6.2849	1.3521	1.6973	3.0494	0.0000	16,431.21 32	16,431.21 32	5.0143	0.0000	16,556.57 09
2021	8.4565	50.9356	69.8078	0.1747	6.4466	1.7238	6.5968	1.7303	1.5981	2.7800	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94
2022	8.3355	17.3932	55.9476	0.1407	6.4465	0.1459	6.5925	1.7303	0.1421	1.8723	0.0000	14,141.40 48	14,141.40 48	1.8028	0.0000	14,186.47 39
2023	8.1604	14.1905	54.7673	0.1377	6.4465	0.1326	6.5791	1.7303	0.1294	1.8596	0.0000	13,833.88 83	13,833.88 83	1.7667	0.0000	13,878.05 69
2024	8.0717	13.9914	53.7944	0.1354	6.4465	0.1318	6.5783	1.7303	0.1286	1.8588	0.0000	13,613.99 34	13,613.99 34	1.7494	0.0000	13,657.72 87
2025	7.9973	13.8019	52.9477	0.1333	6.4465	0.1311	6.5776	1.7303	0.1280	1.8582	0.0000	13,404.11 48	13,404.11 48	1.7345	0.0000	13,447.47 70
2026	7.9324	13.6226	52.2308	0.1315	6.4465	0.1299	6.5764	1.7303	0.1268	1.8571	0.0000	13,221.59 29	13,221.59 29	1.7249	0.0000	13,264.71 51
Maximum	8.4565	54.4092	69.8078	0.1747	6.4466	1.8325	6.5968	1.7303	1.6973	3.0494	0.0000	17,065.38 94	17,065.38 94	5.2084	0.0000	17,195.59 94

	ROG	NOx	CO	SO2	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	24.81	55.36	-9.64	0.00	26.63	70.87	37.54	31.40	70.65	50.47	0.00	0.00	0.00	0.00	0.00	0.00

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Total	25.2629	0.4007	34.7912	1.8400e-003	0.0000	0.1930	0.1930	0.0000	0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/3/2020	8/19/2020	5	13	
2	Crushing	Grading	8/3/2020	10/9/2020	5	50	
3	Site Preparation	Site Preparation	8/20/2020	11/25/2020	5	70	
4	Mass Grading	Grading	11/26/2020	6/23/2021	5	150	
5	Precise Grading	Grading	3/1/2021	7/22/2021	5	104	
6	Building Construction	Building Construction	10/1/2021	8/13/2026	5	1270	
7	Paving	Paving	10/1/2021	8/13/2026	5	1270	
8	Architectural Coating	Architectural Coating	10/1/2021	8/13/2026	5	1270	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 2,181,204; Residential Outdoor: 727,068; Non-Residential Indoor: 63,750; Non-Residential Outdoor: 21,250; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Crushing	Crushing/Proc. Equipment	1	8.00	200	0.78
Crushing	Excavators	0	8.00	158	0.38
Crushing	Graders	0	8.00	187	0.41
Crushing	Rubber Tired Dozers	0	8.00	247	0.40
Crushing	Scrapers	0	8.00	367	0.48
Crushing	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Mass Grading	Excavators	0	8.00	158	0.38
Mass Grading	Graders	0	8.00	187	0.41
Mass Grading	Rubber Tired Dozers	1	8.00	247	0.40
Mass Grading	Scrapers	6	8.00	585	0.48
Mass Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Precise Grading	Excavators	0	8.00	158	0.38
Precise Grading	Graders	0	8.00	187	0.41
Precise Grading	Rubber Tired Dozers	0	8.00	247	0.40
Precise Grading	Scrapers	0	8.00	367	0.48
Precise Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	8.00	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	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	747.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Crushing	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Mass Grading	8	20.00	0.00	1,875.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Precise Grading	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	400.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	80.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.2 Demolition - 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					
Fugitive Dust					12.4371	0.0000	12.4371	1.8831	0.0000	1.8831			0.0000			0.0000
Off-Road	1.7435	17.9552	11.9588	0.0199		0.9381	0.9381		0.8630	0.8630		1,928.998 0	1,928.998 0	0.6239		1,944.594 9
Total	1.7435	17.9552	11.9588	0.0199	12.4371	0.9381	13.3752	1.8831	0.8630	2.7461		1,928.998 0	1,928.998 0	0.6239		1,944.594 9

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	0.4339	15.8002	3.9923	0.0440	1.0005	0.0512	1.0517	0.2739	0.0489	0.3228		4,901.801 9	4,901.801 9	0.5081		4,914.504 6
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	0.0384	0.0242	0.3273	1.0900e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		109.0044	109.0044	2.4800e-003		109.0665
Total	0.4723	15.8244	4.3196	0.0451	1.1123	0.0519	1.1642	0.3035	0.0496	0.3532		5,010.806 2	5,010.806 2	0.5106		5,023.571 1

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.2 Demolition - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2337	0.0000	3.2337	0.4896	0.0000	0.4896			0.0000			0.0000
Off-Road	0.2441	1.0575	12.4357	0.0199		0.0325	0.0325		0.0325	0.0325	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9
Total	0.2441	1.0575	12.4357	0.0199	3.2337	0.0325	3.2662	0.4896	0.0325	0.5221	0.0000	1,928.997 9	1,928.997 9	0.6239		1,944.594 9

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	0.4339	15.8002	3.9923	0.0440	1.0005	0.0512	1.0517	0.2739	0.0489	0.3228		4,901.801 9	4,901.801 9	0.5081		4,914.504 6
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	0.0384	0.0242	0.3273	1.0900e-003	0.1118	7.4000e-004	0.1125	0.0296	6.8000e-004	0.0303		109.0044	109.0044	2.4800e-003		109.0665
Total	0.4723	15.8244	4.3196	0.0451	1.1123	0.0519	1.1642	0.3035	0.0496	0.3532		5,010.806 2	5,010.806 2	0.5106		5,023.571 1

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.3 Crushing - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7952	5.5413	3.0953	0.0165		0.1788	0.1788		0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.7952	5.5413	3.0953	0.0165	0.0000	0.1788	0.1788	0.0000	0.1788	0.1788		1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199
Total	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.3 Crushing - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1651	0.7154	6.0530	0.0165		0.0220	0.0220		0.0220	0.0220	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7
Total	0.1651	0.7154	6.0530	0.0165	0.0000	0.0220	0.0220	0.0000	0.0220	0.0220	0.0000	1,563.600 3	1,563.600 3	0.0715		1,565.388 7

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	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199
Total	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.4 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4190	4.2103	4.5594	6.2100e-003		0.2662	0.2662		0.2449	0.2449		601.5370	601.5370	0.1946		606.4008
Total	0.4190	4.2103	4.5594	6.2100e-003	0.0000	0.2662	0.2662	0.0000	0.2449	0.2449		601.5370	601.5370	0.1946		606.4008

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	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332
Total	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.4 Site Preparation - 2020**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0760	0.3292	4.6841	6.2100e-003		0.0101	0.0101		0.0101	0.0101	0.0000	601.5370	601.5370	0.1946		606.4008
Total	0.0760	0.3292	4.6841	6.2100e-003	0.0000	0.0101	0.0101	0.0000	0.0101	0.0101	0.0000	601.5370	601.5370	0.1946		606.4008

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	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332
Total	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.5 Mass Grading - 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					
Fugitive Dust					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	9.0790	106.3235	57.6700	0.1564		4.0521	4.0521		3.7280	3.7280		15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	9.0790	106.3235	57.6700	0.1564	12.3964	4.0521	16.4485	3.9990	3.7280	7.7270		15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0944	3.4371	0.8685	9.5700e-003	1.0058	0.0111	1.0170	0.2530	0.0107	0.2637		1,066.322 4	1,066.322 4	0.1105		1,069.085 7
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	0.0769	0.0484	0.6547	2.1900e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		218.0087	218.0087	4.9700e-003		218.1330
Total	0.1713	3.4855	1.5231	0.0118	1.2294	0.0126	1.2420	0.3123	0.0120	0.3243		1,284.331 1	1,284.331 1	0.1155		1,287.218 6

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.5 Mass Grading - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2231	0.0000	3.2231	1.0397	0.0000	1.0397			0.0000			0.0000
Off-Road	4.9290	50.9236	64.4913	0.1564		1.8199	1.8199		1.6853	1.6853	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23
Total	4.9290	50.9236	64.4913	0.1564	3.2231	1.8199	5.0429	1.0397	1.6853	2.7251	0.0000	15,146.88 21	15,146.88 21	4.8988		15,269.35 23

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	0.0944	3.4371	0.8685	9.5700e-003	1.0058	0.0111	1.0170	0.2530	0.0107	0.2637		1,066.322 4	1,066.322 4	0.1105		1,069.085 7
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	0.0769	0.0484	0.6547	2.1900e-003	0.2236	1.4800e-003	0.2250	0.0593	1.3600e-003	0.0607		218.0087	218.0087	4.9700e-003		218.1330
Total	0.1713	3.4855	1.5231	0.0118	1.2294	0.0126	1.2420	0.3123	0.0120	0.3243		1,284.331 1	1,284.331 1	0.1155		1,287.218 6

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.5 Mass 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					12.3964	0.0000	12.3964	3.9990	0.0000	3.9990			0.0000			0.0000
Off-Road	8.6749	98.6542	55.5569	0.1564		3.7722	3.7722		3.4704	3.4704		15,147.26 84	15,147.26 84	4.8989		15,269.74 17
Total	8.6749	98.6542	55.5569	0.1564	12.3964	3.7722	16.1686	3.9990	3.4704	7.4694		15,147.26 84	15,147.26 84	4.8989		15,269.74 17

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	0.0900	3.1777	0.8730	9.4300e-003	0.2523	9.9800e-003	0.2623	0.0681	9.5500e-003	0.0776		1,053.272 3	1,053.272 3	0.1092		1,056.002 3
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	0.0722	0.0437	0.6075	2.1100e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		210.4388	210.4388	4.5100e-003		210.5515
Total	0.1622	3.2214	1.4804	0.0115	0.4758	0.0114	0.4873	0.1274	0.0109	0.1383		1,263.711 1	1,263.711 1	0.1137		1,266.553 8

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.5 Mass 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					3.2231	0.0000	3.2231	1.0397	0.0000	1.0397			0.0000			0.0000
Off-Road	4.7546	47.3741	63.4914	0.1564		1.7018	1.7018		1.5767	1.5767	0.0000	15,147.26 84	15,147.26 84	4.8989		15,269.74 17
Total	4.7546	47.3741	63.4914	0.1564	3.2231	1.7018	4.9249	1.0397	1.5767	2.6165	0.0000	15,147.26 84	15,147.26 84	4.8989		15,269.74 17

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	0.0900	3.1777	0.8730	9.4300e-003	0.2523	9.9800e-003	0.2623	0.0681	9.5500e-003	0.0776		1,053.272 3	1,053.272 3	0.1092		1,056.002 3
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	0.0722	0.0437	0.6075	2.1100e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		210.4388	210.4388	4.5100e-003		210.5515
Total	0.1622	3.2214	1.4804	0.0115	0.4758	0.0114	0.4873	0.1274	0.0109	0.1383		1,263.711 1	1,263.711 1	0.1137		1,266.553 8

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.7916	4.5205	6.2100e-003		0.2236	0.2236		0.2057	0.2057		601.8002	601.8002	0.1946		606.6660
Total	0.3746	3.7916	4.5205	6.2100e-003	0.0000	0.2236	0.2236	0.0000	0.2057	0.2057		601.8002	601.8002	0.1946		606.6660

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	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379
Total	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.6 Precise 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0760	0.3292	4.6841	6.2100e-003		0.0101	0.0101		0.0101	0.0101	0.0000	601.8002	601.8002	0.1946		606.6660
Total	0.0760	0.3292	4.6841	6.2100e-003	0.0000	0.0101	0.0101	0.0000	0.0101	0.0101	0.0000	601.8002	601.8002	0.1946		606.6660

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	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379
Total	0.0181	0.0109	0.1519	5.3000e-004	0.0559	3.6000e-004	0.0563	0.0148	3.3000e-004	0.0152		52.6097	52.6097	1.1300e-003		52.6379

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 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	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.3816	13.4154	3.6383	0.0353	0.9136	0.0279	0.9415	0.2629	0.0267	0.2896		3,843.7328	3,843.7328	0.3014		3,851.2678
Worker	1.4438	0.8736	12.1492	0.0422	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		4,208.7766	4,208.7766	0.0901		4,211.0298
Total	1.8253	14.2890	15.7875	0.0775	5.3847	0.0568	5.4415	1.4487	0.0533	1.5020		8,052.5094	8,052.5094	0.3915		8,062.2976

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212

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	0.3816	13.4154	3.6383	0.0353	0.9136	0.0279	0.9415	0.2629	0.0267	0.2896		3,843.7328	3,843.7328	0.3014		3,851.2678
Worker	1.4438	0.8736	12.1492	0.0422	4.4711	0.0289	4.5000	1.1858	0.0267	1.2124		4,208.7766	4,208.7766	0.0901		4,211.0298
Total	1.8253	14.2890	15.7875	0.0775	5.3847	0.0568	5.4415	1.4487	0.0533	1.5020		8,052.5094	8,052.5094	0.3915		8,062.2976

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3588	12.6920	3.5131	0.0349	0.9136	0.0242	0.9379	0.2629	0.0232	0.2861		3,805.9823	3,805.9823	0.2920		3,813.2814
Worker	1.3645	0.7914	11.3391	0.0406	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		4,052.8049	4,052.8049	0.0819		4,054.8513
Total	1.7232	13.4834	14.8522	0.0755	5.3847	0.0526	5.4373	1.4487	0.0493	1.4980		7,858.7873	7,858.7873	0.3738		7,868.1327

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2022**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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288

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	0.3588	12.6920	3.5131	0.0349	0.9136	0.0242	0.9379	0.2629	0.0232	0.2861		3,805.9823	3,805.9823	0.2920		3,813.2814
Worker	1.3645	0.7914	11.3391	0.0406	4.4711	0.0284	4.4994	1.1858	0.0261	1.2119		4,052.8049	4,052.8049	0.0819		4,054.8513
Total	1.7232	13.4834	14.8522	0.0755	5.3847	0.0526	5.4373	1.4487	0.0493	1.4980		7,858.7873	7,858.7873	0.3738		7,868.1327

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288
Total	1.6735	15.4377	17.3101	0.0288		0.7481	0.7481		0.7029	0.7029		2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2731	9.5794	3.2789	0.0337	0.9136	0.0115	0.9251	0.2629	0.0110	0.2739		3,690.3517	3,690.3517	0.2714		3,697.1372
Worker	1.2922	0.7186	10.5746	0.0391	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,896.9979	3,896.9979	0.0743		3,898.8541
Total	1.5652	10.2979	13.8535	0.0728	5.3847	0.0394	5.4241	1.4487	0.0367	1.4854		7,587.3496	7,587.3496	0.3457		7,595.9913

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2023**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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.1535	2,738.1535	0.6670		2,754.8288

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	0.2731	9.5794	3.2789	0.0337	0.9136	0.0115	0.9251	0.2629	0.0110	0.2739		3,690.3517	3,690.3517	0.2714		3,697.1372
Worker	1.2922	0.7186	10.5746	0.0391	4.4711	0.0279	4.4990	1.1858	0.0257	1.2114		3,896.9979	3,896.9979	0.0743		3,898.8541
Total	1.5652	10.2979	13.8535	0.0728	5.3847	0.0394	5.4241	1.4487	0.0367	1.4854		7,587.3496	7,587.3496	0.3457		7,595.9913

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2024**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	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9

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	0.2638	9.4598	3.2108	0.0334	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,661.036 9	3,661.036 9	0.2673		3,667.720 4
Worker	1.2280	0.6544	9.8435	0.0375	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,742.572 1	3,742.572 1	0.0674		3,744.257 6
Total	1.4918	10.1141	13.0543	0.0709	5.3847	0.0387	5.4234	1.4487	0.0360	1.4847		7,403.609 0	7,403.609 0	0.3348		7,411.978 0

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2024**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	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9
Total	0.3509	2.3348	18.6634	0.0288		0.0439	0.0439		0.0439	0.0439	0.0000	2,738.712 3	2,738.712 3	0.6635		2,755.300 9

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	0.2638	9.4598	3.2108	0.0334	0.9136	0.0113	0.9249	0.2629	0.0108	0.2737		3,661.036 9	3,661.036 9	0.2673		3,667.720 4
Worker	1.2280	0.6544	9.8435	0.0375	4.4711	0.0274	4.4985	1.1858	0.0252	1.2110		3,742.572 1	3,742.572 1	0.0674		3,744.257 6
Total	1.4918	10.1141	13.0543	0.0709	5.3847	0.0387	5.4234	1.4487	0.0360	1.4847		7,403.609 0	7,403.609 0	0.3348		7,411.978 0

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2025**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2570	9.3372	3.1737	0.0332	0.9136	0.0111	0.9246	0.2629	0.0106	0.2735		3,638.3451	3,638.3451	0.2638		3,644.9408
Worker	1.1733	0.6002	9.1892	0.0360	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,591.2420	3,591.2420	0.0617		3,592.7836
Total	1.4304	9.9374	12.3629	0.0692	5.3846	0.0381	5.4228	1.4487	0.0355	1.4841		7,229.5871	7,229.5871	0.3255		7,237.7244

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2025**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	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2570	9.3372	3.1737	0.0332	0.9136	0.0111	0.9246	0.2629	0.0106	0.2735		3,638.3451	3,638.3451	0.2638		3,644.9408
Worker	1.1733	0.6002	9.1892	0.0360	4.4711	0.0271	4.4981	1.1858	0.0249	1.2107		3,591.2420	3,591.2420	0.0617		3,592.7836
Total	1.4304	9.9374	12.3629	0.0692	5.3846	0.0381	5.4228	1.4487	0.0355	1.4841		7,229.5871	7,229.5871	0.3255		7,237.7244

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2026**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	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

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	0.2510	9.2149	3.1492	0.0329	0.9136	0.0108	0.9244	0.2629	0.0103	0.2732		3,616.5620	3,616.5620	0.2604		3,623.0715
Worker	1.1258	0.5542	8.6297	0.0347	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,461.3520	3,461.3520	0.0567		3,462.7693
Total	1.3768	9.7691	11.7789	0.0676	5.3846	0.0371	5.4217	1.4487	0.0345	1.4832		7,077.9140	7,077.9140	0.3171		7,085.8408

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.7 Building Construction - 2026**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	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	0.3509	2.3348	18.6634	0.0289		0.0439	0.0439		0.0439	0.0439	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029

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	0.2510	9.2149	3.1492	0.0329	0.9136	0.0108	0.9244	0.2629	0.0103	0.2732		3,616.5620	3,616.5620	0.2604		3,623.0715
Worker	1.1258	0.5542	8.6297	0.0347	4.4711	0.0263	4.4973	1.1858	0.0242	1.2099		3,461.3520	3,461.3520	0.0567		3,462.7693
Total	1.3768	9.7691	11.7789	0.0676	5.3846	0.0371	5.4217	1.4487	0.0345	1.4832		7,077.9140	7,077.9140	0.3171		7,085.8408

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 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	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

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	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569
Total	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2022**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

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	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569
Total	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

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	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2024**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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097
Total	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097
Total	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2025**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294
Total	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294
Total	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2026**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539
Total	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.8 Paving - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

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	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539
Total	0.0422	0.0208	0.3236	1.3000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		129.8007	129.8007	2.1300e-003		129.8539

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	5.9091	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079

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	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060
Total	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0258		375.9079

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	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060
Total	0.2888	0.1747	2.4298	8.4400e-003	0.8942	5.7900e-003	0.9000	0.2372	5.3300e-003	0.2425		841.7553	841.7553	0.0180		842.2060

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	5.8900	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749

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	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703
Total	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2022**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0244		375.8749
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0244		375.8749

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	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703
Total	0.2729	0.1583	2.2678	8.1300e-003	0.8942	5.6800e-003	0.8999	0.2372	5.2300e-003	0.2424		810.5610	810.5610	0.0164		810.9703

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	5.8728	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

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	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708
Total	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2023**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253

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	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708
Total	0.2584	0.1437	2.1149	7.8100e-003	0.8942	5.5800e-003	0.8998	0.2372	5.1400e-003	0.2423		779.3996	779.3996	0.0149		779.7708

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	5.8583	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

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	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515
Total	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2024**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923

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	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515
Total	0.2456	0.1309	1.9687	7.5000e-003	0.8942	5.4800e-003	0.8997	0.2372	5.0500e-003	0.2422		748.5144	748.5144	0.0135		748.8515

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567
Total	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2025**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567
Total	0.2347	0.1200	1.8378	7.2000e-003	0.8942	5.4100e-003	0.8996	0.2372	4.9800e-003	0.2421		718.2484	718.2484	0.0123		718.5567

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	5.8451	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758

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	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539
Total	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

3.9 Architectural Coating - 2026**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	5.6172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	5.6569	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758

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	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539
Total	0.2252	0.1108	1.7259	6.9400e-003	0.8942	5.2500e-003	0.8995	0.2372	4.8300e-003	0.2420		692.2704	692.2704	0.0113		692.5539

4.0 Operational Detail - Mobile

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

4.1 Mitigation Measures Mobile

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

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

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	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
High Turnover (Sit Down Restaurant)	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Supermarket	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas 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

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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
Condo/Townhouse	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
Health Club	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
High Turnover (Sit Down Restaurant)	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
Single Family Housing	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
Supermarket	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096
Unmitigated	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

Rancho La Habra Project Development (Construction - Mitigated) - Orange 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	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	25.2629	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930	0.0000	62.7076	62.7076	0.0601	0.0000	64.2096

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

10.0 Stationary Equipment

Rancho La Habra Project Development (Construction - Mitigated) - Orange County, Summer

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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APPENDIX 3.3:

CALEEMOD PROPOSED PROJECT OPERATIONS EMISSIONS MODEL OUTPUTS

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

Rancho La Habra - Project Development (Operations - Mitigated)

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000.00	0
Condo/Townhouse	145.00	Dwelling Unit	9.06	275,500.00	435
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831
Supermarket	12.00	1000sqft	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Based on TIA (Linscott Law & Greenspan Engineers) and ITE Trip Generation Manual, 10th Edition

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Woodstoves -

Energy Use - Title-24 Electricity Energy Intensity and Title-24 Natural Gas Energy Intensity were adjusted by 53% (residential) and 30% (nonresidential) to reflect 2019 Title 24 requirements.

Land Use Change -

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	200.00	1.00
tblEnergyUse	LightingElect	1,001.10	470.52
tblEnergyUse	LightingElect	2.99	2.09
tblEnergyUse	LightingElect	7.66	5.36
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	LightingElect	8.68	6.08
tblEnergyUse	T24E	172.41	81.03

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblEnergyUse	T24E	1.63	1.14
tblEnergyUse	T24E	8.71	6.10
tblEnergyUse	T24E	253.73	119.25
tblEnergyUse	T24E	4.71	3.30
tblEnergyUse	T24NG	12,129.63	5,700.93
tblEnergyUse	T24NG	14.04	9.83
tblEnergyUse	T24NG	78.56	54.99
tblEnergyUse	T24NG	20,288.91	9,535.79
tblEnergyUse	T24NG	9.95	6.97
tblLandUse	LandUseSquareFeet	145,000.00	275,500.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	415.00	435.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	7.1096e-007
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9764e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6957e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	7.9170e-003	2.5791e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.08	3.7172e-006
tblVehicleEF	HHD	0.03	8.8967e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	7.5037e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.09	4.0699e-006
tblVehicleEF	HHD	0.37	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	6.8287e-007
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5082e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24
tblVehicleEF	HHD	6.9760e-003	2.3520e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	6.6740e-003	2.2503e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.08	3.5798e-006
tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	7.4302e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.09	3.9195e-006
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.17	8.7798e-004
tblVehicleEF	HHD	0.06	7.1763e-007
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.01	2.8857e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	9.6330e-003	2.7609e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4573e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.08	3.7490e-006
tblVehicleEF	HHD	0.03	9.0385e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	7.5177e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.09	4.1047e-006

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	2.7580e-003	1.4539e-003
tblVehicleEF	LDA	2.8090e-003	0.03
tblVehicleEF	LDA	0.43	0.49
tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2342e-003
tblVehicleEF	LDA	4.8900e-004	4.5753e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3927e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5499e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3745e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3252e-003
tblVehicleEF	LDA	4.8800e-004	4.5329e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4238e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9944e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2006e-003
tblVehicleEF	LDA	4.9000e-004	4.5846e-004

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tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2532e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2242e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	2.7370e-003	2.6899e-003
tblVehicleEF	LDT1	6.4900e-004	5.5911e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4156e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.01

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7839e-003
tblVehicleEF	LDT1	6.4500e-004	5.5423e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1636e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6552e-003
tblVehicleEF	LDT1	6.4900e-004	5.6018e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4814e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27
tblVehicleEF	LDT2	305.47	284.99
tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4619e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8192e-003
tblVehicleEF	LDT2	7.0100e-004	5.9004e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6377e-003
tblVehicleEF	LDT2	3.5660e-003	0.04
tblVehicleEF	LDT2	0.63	0.72
tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9749e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9084e-003
tblVehicleEF	LDT2	6.9900e-004	5.8443e-004
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.8920e-003	2.4323e-003
tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2897e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7863e-003
tblVehicleEF	LDT2	7.0100e-004	5.9127e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8055e-003
tblVehicleEF	LHD1	5.8690e-003	3.0275e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77

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tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0657e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.06	0.04

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8154e-003
tblVehicleEF	LHD1	5.9560e-003	3.0669e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9308e-003
tblVehicleEF	LHD1	3.1400e-004	1.0594e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8037e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0666e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4118e-003
tblVehicleEF	LHD2	2.5500e-003	2.5031e-003
tblVehicleEF	LHD2	5.1240e-003	7.7083e-003

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tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003

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tblVehicleEF	LHD2	2.6400e-004	8.2343e-005
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4188e-003
tblVehicleEF	LHD2	2.5710e-003	2.5214e-003
tblVehicleEF	LHD2	4.9820e-003	7.4668e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.28
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003

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tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6300e-004	8.1932e-005
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4105e-003
tblVehicleEF	LHD2	2.5450e-003	2.4983e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2408e-005
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1237e-003
tblVehicleEF	MCY	6.5200e-004	5.8022e-004
tblVehicleEF	MCY	1.12	1.14

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1121e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	6.3300e-004	5.6267e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98

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tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1254e-003
tblVehicleEF	MCY	6.5500e-004	5.8338e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71
tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08

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tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4955e-003
tblVehicleEF	MDV	9.4800e-004	7.1663e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1499e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92
tblVehicleEF	MDV	92.03	71.80
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.09	0.11

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tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5872e-003
tblVehicleEF	MDV	9.4400e-004	7.1049e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9054e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69
tblVehicleEF	MDV	1.68	2.52
tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003

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tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4616e-003
tblVehicleEF	MDV	9.4900e-004	7.1797e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06

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tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

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tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.13	0.13

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3061e-003
tblVehicleEF	MHD	2.3010e-003	9.7878e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89
tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3672e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	5.5000e-005	1.3080e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.03	9.2412e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9079e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.1100e-004	1.0774e-004
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0869e-003
tblVehicleEF	MHD	2.3200e-003	9.9519e-004
tblVehicleEF	MHD	0.04	9.5988e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92
tblVehicleEF	MHD	4.8000e-005	1.1758e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	4.6000e-005	1.1249e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	1.1800e-003	6.3266e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.03	9.3047e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.8956e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.0700e-004	1.0694e-004
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05
tblVehicleEF	MHD	0.02	4.6237e-003
tblVehicleEF	MHD	2.2950e-003	9.7301e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	7.0000e-005	1.6315e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	6.7000e-005	1.5609e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.03	9.2222e-003
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.3030e-003	4.9243e-004
tblVehicleEF	MHD	0.01	9.0981e-003
tblVehicleEF	MHD	6.1100e-004	1.0789e-004
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.01	8.6081e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0732e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.4000e-005	1.0268e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6663e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8266e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6902e-003
tblVehicleEF	OBUS	4.5620e-003	3.5422e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43
tblVehicleEF	OBUS	4.28	2.01
tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23
tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5363e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	1.2000e-005	9.1238e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5810e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8084e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5167e-003
tblVehicleEF	OBUS	4.4690e-003	3.4503e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2384e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.7000e-005	1.1848e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7840e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8296e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1395e-003
tblVehicleEF	SBUS	0.06	8.9683e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18
tblVehicleEF	SBUS	2.88	4.33
tblVehicleEF	SBUS	4.9650e-003	3.4992e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.7500e-003	3.3478e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4332e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4400e-004	7.1436e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.47	0.06
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2398e-003
tblVehicleEF	SBUS	0.06	8.0601e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9567e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.0050e-003	2.8288e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5052e-003
tblVehicleEF	SBUS	0.01	9.9764e-003
tblVehicleEF	SBUS	7.2000e-004	6.8013e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1113e-003
tblVehicleEF	SBUS	0.07	9.0985e-003
tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2484e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	5.7800e-003	4.0646e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.09	0.09

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4600e-004	7.1764e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6000e-003	1.9349e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	6.71	41.12
tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.5790e-003	1.9002e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6040e-003	1.9411e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.14
tblVehicleTrips	ST_TR	20.87	9.10
tblVehicleTrips	ST_TR	158.37	122.40
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	ST_TR	177.59	177.62
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	6.28
tblVehicleTrips	SU_TR	26.73	13.60

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

tblVehicleTrips	SU_TR	131.84	142.64
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	SU_TR	166.44	166.47
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	32.93	28.82
tblVehicleTrips	WD_TR	127.15	112.18
tblVehicleTrips	WD_TR	9.52	9.44
tblVehicleTrips	WD_TR	102.24	106.78

2.0 Emissions Summary

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	135.8421	9.1565	249.4000	0.5493		32.4289	32.4289		32.4289	32.4289	3,952.8396	7,658.7076	11,611.5472	11.8482	0.2683	11,987.7031
Energy	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378
Mobile	14.0383	28.8105	116.0645	0.3571	41.1261	0.2601	41.3861	10.9843	0.2425	11.2268		36,654.9817	36,654.9817	2.0547		36,706.3485
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	150.1247	40.0945	366.6451	0.9197	41.1261	32.8578	73.9838	10.9843	32.8402	43.8245	3,952.8396	46,978.6903	50,931.5299	13.9540	0.3172	51,374.8894

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

2.2 Overall Operational**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	26.0002	6.7009	37.4721	0.0421		0.7024	0.7024		0.7024	0.7024	0.0000	8,105.531 1	8,105.531 1	0.2142	0.1475	8,154.827 6
Energy	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.001 0	2,665.001 0	0.0511	0.0489	2,680.837 8
Mobile	13.7546	27.1179	106.3536	0.3148	36.0918	0.2316	36.3234	9.6397	0.2159	9.8556		32,316.85 77	32,316.85 77	1.8911		32,364.13 47
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	39.9991	35.9463	145.0062	0.3702	36.0918	1.1028	37.1946	9.6397	1.0871	10.7268	0.0000	43,087.38 99	43,087.38 99	2.1564	0.1963	43,199.80 01

	ROG	NOx	CO	SO2	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	73.36	10.35	60.45	59.75	12.24	96.64	49.73	12.24	96.69	75.52	100.00	8.28	15.40	84.55	38.10	15.91

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	7/29/2019	7/29/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

Acres of Paving: 0**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
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

3.2 Demolition - 2019**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

3.2 Demolition - 2019**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

4.1 Mitigation Measures Mobile

Increase Diversity

Improve Pedestrian Network

Implement NEV Network

	ROG	NOx	CO	SO2	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	13.7546	27.1179	106.3536	0.3148	36.0918	0.2316	36.3234	9.6397	0.2159	9.8556		32,316.8577	32,316.8577	1.8911		32,364.1347
Unmitigated	14.0383	28.8105	116.0645	0.3571	41.1261	0.2601	41.3861	10.9843	0.2425	11.2268		36,654.9817	36,654.9817	2.0547		36,706.3485

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	210.50	210.50	210.50	605,722	531,576
Condo/Townhouse	1,061.40	1,180.30	910.60	3,611,393	3,169,322
Health Club	648.45	204.75	306.00	1,146,687	1,006,321
High Turnover (Sit Down Restaurant)	897.44	979.20	1141.12	1,286,419	1,128,948
Single Family Housing	2,614.88	2,642.58	2368.35	8,828,617	7,747,906
Supermarket	1,281.36	2,131.44	1997.64	1,985,970	1,742,867
Total	6,714.03	7,348.77	6,934.21	17,464,807	15,326,940

4.3 Trip Type Information

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Supermarket	16.60	8.40	6.90	6.50	74.50	19.00	34	30	36

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
High Turnover (Sit Down Restaurant)	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Supermarket	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378
NaturalGas Unmitigated	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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
Condo/Townhouse	4456.04	0.0481	0.4107	0.1748	2.6200e-003		0.0332	0.0332		0.0332	0.0332		524.2401	524.2401	0.0101	9.6100e-003	527.3554
Health Club	1028.84	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
High Turnover (Sit Down Restaurant)	5167.12	0.0557	0.5066	0.4255	3.0400e-003		0.0385	0.0385		0.0385	0.0385		607.8969	607.8969	0.0117	0.0111	611.5093
Single Family Housing	11422.9	0.1232	1.0527	0.4480	6.7200e-003		0.0851	0.0851		0.0851	0.0851		1,343.8665	1,343.8665	0.0258	0.0246	1,351.8524
Supermarket	577.644	6.2300e-003	0.0566	0.0476	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003		67.9581	67.9581	1.3000e-003	1.2500e-003	68.3619
Total		0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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
Condo/Townhouse	4.45604	0.0481	0.4107	0.1748	2.6200e-003		0.0332	0.0332		0.0332	0.0332		524.2401	524.2401	0.0101	9.6100e-003	527.3554
Health Club	1.02884	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
High Turnover (Sit Down Restaurant)	5.16712	0.0557	0.5066	0.4255	3.0400e-003		0.0385	0.0385		0.0385	0.0385		607.8969	607.8969	0.0117	0.0111	611.5093
Single Family Housing	11.4229	0.1232	1.0527	0.4480	6.7200e-003		0.0851	0.0851		0.0851	0.0851		1,343.8665	1,343.8665	0.0258	0.0246	1,351.8524
Supermarket	0.577644	6.2300e-003	0.0566	0.0476	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003		67.9581	67.9581	1.3000e-003	1.2500e-003	68.3619
Total		0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	26.0002	6.7009	37.4721	0.0421		0.7024	0.7024		0.7024	0.7024	0.0000	8,105.531 1	8,105.531 1	0.2142	0.1475	8,154.827 6
Unmitigated	135.8421	9.1565	249.4000	0.5493		32.4289	32.4289		32.4289	32.4289	3,952.839 6	7,658.707 6	11,611.54 72	11.8482	0.2683	11,987.70 31

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	110.5792	8.7558	214.6089	0.5475		32.2359	32.2359		32.2359	32.2359	3,952.839 6	7,596.000 0	11,548.83 96	11.7881	0.2683	11,923.49 35
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	135.8421	9.1565	249.4000	0.5493		32.4289	32.4289		32.4289	32.4289	3,952.839 6	7,658.707 6	11,611.54 72	11.8482	0.2683	11,987.70 31

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7373	6.3002	2.6809	0.0402		0.5094	0.5094		0.5094	0.5094	0.0000	8,042.8235	8,042.8235	0.1542	0.1475	8,090.6180
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	26.0002	6.7009	37.4721	0.0421		0.7024	0.7024		0.7024	0.7024	0.0000	8,105.5311	8,105.5311	0.2142	0.1475	8,154.8276

7.0 Water Detail**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources**Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (300 - 600 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Winter

11.0 Vegetation

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

Rancho La Habra - Project Development (Operations - Mitigated)

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.18	8,000.00	0
Condo/Townhouse	145.00	Dwelling Unit	9.06	275,500.00	435
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831
Supermarket	12.00	1000sqft	0.28	12,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Based on TIA (Linscott Law & Greenspan Engineers) and ITE Trip Generation Manual, 10th Edition

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Woodstoves -

Energy Use - Title-24 Electricity Energy Intensity and Title-24 Natural Gas Energy Intensity were adjusted by 53% (residential) and 30% (nonresidential) to reflect 2019 Title 24 requirements.

Land Use Change -

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	200.00	1.00
tblEnergyUse	LightingElect	1,001.10	470.52
tblEnergyUse	LightingElect	2.99	2.09
tblEnergyUse	LightingElect	7.66	5.36
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	LightingElect	8.68	6.08
tblEnergyUse	T24E	172.41	81.03

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblEnergyUse	T24E	1.63	1.14
tblEnergyUse	T24E	8.71	6.10
tblEnergyUse	T24E	253.73	119.25
tblEnergyUse	T24E	4.71	3.30
tblEnergyUse	T24NG	12,129.63	5,700.93
tblEnergyUse	T24NG	14.04	9.83
tblEnergyUse	T24NG	78.56	54.99
tblEnergyUse	T24NG	20,288.91	9,535.79
tblEnergyUse	T24NG	9.95	6.97
tblLandUse	LandUseSquareFeet	145,000.00	275,500.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	415.00	435.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	7.1096e-007
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9764e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6957e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	7.9170e-003	2.5791e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004
tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.08	3.7172e-006
tblVehicleEF	HHD	0.03	8.8967e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	7.5037e-007
tblVehicleEF	HHD	1.1800e-004	2.5844e-006
tblVehicleEF	HHD	4.7610e-003	1.0888e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	1.8835e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8309e-004
tblVehicleEF	HHD	0.09	4.0699e-006
tblVehicleEF	HHD	0.37	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	6.8287e-007
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5082e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24
tblVehicleEF	HHD	6.9760e-003	2.3520e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	6.6740e-003	2.2503e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7591e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.08	3.5798e-006
tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	7.4302e-007
tblVehicleEF	HHD	1.6800e-004	3.7475e-006
tblVehicleEF	HHD	4.8570e-003	1.1087e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	2.7063e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7071e-004
tblVehicleEF	HHD	0.09	3.9195e-006
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.17	8.7798e-004
tblVehicleEF	HHD	0.06	7.1763e-007
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.01	2.8857e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	9.1330e-007
tblVehicleEF	HHD	9.6330e-003	2.7609e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4573e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	8.3975e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.08	3.7490e-006
tblVehicleEF	HHD	0.03	9.0385e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	7.5177e-007
tblVehicleEF	HHD	1.1400e-004	2.6240e-006
tblVehicleEF	HHD	5.0300e-003	1.1860e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	1.9265e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2090e-004
tblVehicleEF	HHD	0.09	4.1047e-006

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	2.7580e-003	1.4539e-003
tblVehicleEF	LDA	2.8090e-003	0.03
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tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2342e-003
tblVehicleEF	LDA	4.8900e-004	4.5753e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3927e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	0.03	0.17
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tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3745e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3252e-003
tblVehicleEF	LDA	4.8800e-004	4.5329e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4238e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5539e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.5740e-003	1.1939e-003
tblVehicleEF	LDA	2.0130e-003	1.4288e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9944e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2006e-003
tblVehicleEF	LDA	4.9000e-004	4.5846e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2532e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2242e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	2.7370e-003	2.6899e-003
tblVehicleEF	LDT1	6.4900e-004	5.5911e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4156e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.01

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7839e-003
tblVehicleEF	LDT1	6.4500e-004	5.5423e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1636e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.1560e-003	1.6205e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.9830e-003	1.4905e-003
tblVehicleEF	LDT1	2.5640e-003	1.7819e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6552e-003
tblVehicleEF	LDT1	6.4900e-004	5.6018e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4814e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27
tblVehicleEF	LDT2	305.47	284.99
tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4619e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8192e-003
tblVehicleEF	LDT2	7.0100e-004	5.9004e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6377e-003
tblVehicleEF	LDT2	3.5660e-003	0.04
tblVehicleEF	LDT2	0.63	0.72
tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9749e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9084e-003
tblVehicleEF	LDT2	6.9900e-004	5.8443e-004
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.8920e-003	2.4323e-003
tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8320e-003	1.3688e-003
tblVehicleEF	LDT2	2.3500e-003	1.5746e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4478e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2897e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7863e-003
tblVehicleEF	LDT2	7.0100e-004	5.9127e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8055e-003
tblVehicleEF	LHD1	5.8690e-003	3.0275e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77

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tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0657e-004
tblVehicleEF	LHD1	2.2360e-003	1.6924e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1453e-003
tblVehicleEF	LHD1	0.06	0.04

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8154e-003
tblVehicleEF	LHD1	5.9560e-003	3.0669e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9308e-003
tblVehicleEF	LHD1	3.1400e-004	1.0594e-004
tblVehicleEF	LHD1	3.1160e-003	2.3665e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5423e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8037e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8595e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.8780e-003

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tblVehicleEF	LHD1	8.7310e-003	5.8755e-003
tblVehicleEF	LHD1	6.9400e-004	2.0728e-004
tblVehicleEF	LHD1	8.3600e-004	8.4762e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5920e-003	2.4695e-003
tblVehicleEF	LHD1	8.3350e-003	5.5985e-003
tblVehicleEF	LHD1	6.3800e-004	1.9059e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4342e-005
tblVehicleEF	LHD1	5.5660e-003	5.9307e-003
tblVehicleEF	LHD1	3.1600e-004	1.0666e-004
tblVehicleEF	LHD1	2.2730e-003	1.7163e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1477e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4118e-003
tblVehicleEF	LHD2	2.5500e-003	2.5031e-003
tblVehicleEF	LHD2	5.1240e-003	7.7083e-003

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tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003

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tblVehicleEF	LHD2	2.6400e-004	8.2343e-005
tblVehicleEF	LHD2	7.8600e-004	1.0733e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5924e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4188e-003
tblVehicleEF	LHD2	2.5710e-003	2.5214e-003
tblVehicleEF	LHD2	4.9820e-003	7.4668e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.28
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003

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tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6300e-004	8.1932e-005
tblVehicleEF	LHD2	1.1030e-003	1.5037e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0231e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4105e-003
tblVehicleEF	LHD2	2.5450e-003	2.4983e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3293e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4584e-003
tblVehicleEF	LHD2	3.7900e-004	1.1948e-004
tblVehicleEF	LHD2	1.0520e-003	1.2718e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6850e-003	2.6627e-003
tblVehicleEF	LHD2	7.2730e-003	9.0361e-003
tblVehicleEF	LHD2	3.4900e-004	1.0985e-004
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2702e-004
tblVehicleEF	LHD2	5.7380e-003	5.9622e-003
tblVehicleEF	LHD2	2.6400e-004	8.2408e-005
tblVehicleEF	LHD2	7.7000e-004	1.0625e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4780e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1237e-003
tblVehicleEF	MCY	6.5200e-004	5.8022e-004
tblVehicleEF	MCY	1.12	1.14

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1121e-003

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tblVehicleEF	MCY	6.3300e-004	5.6267e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.3120e-003	2.2964e-003
tblVehicleEF	MCY	3.4500e-003	2.9776e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.1580e-003	2.1432e-003
tblVehicleEF	MCY	3.2350e-003	2.7922e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98

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tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1254e-003
tblVehicleEF	MCY	6.5500e-004	5.8338e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71
tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08

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tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4955e-003
tblVehicleEF	MDV	9.4800e-004	7.1663e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1499e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92
tblVehicleEF	MDV	92.03	71.80
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003
tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.09	0.11

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tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5872e-003
tblVehicleEF	MDV	9.4400e-004	7.1049e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9054e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69
tblVehicleEF	MDV	1.68	2.52
tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8480e-003	1.4199e-003
tblVehicleEF	MDV	2.2760e-003	1.5902e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7020e-003	1.3092e-003

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tblVehicleEF	MDV	2.0930e-003	1.4622e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4616e-003
tblVehicleEF	MDV	9.4900e-004	7.1797e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06

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tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

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tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0182e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.13	0.13

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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08
tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7567e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3061e-003
tblVehicleEF	MHD	2.3010e-003	9.7878e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01

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tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89
tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3672e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	5.5000e-005	1.3080e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.03	9.2412e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9079e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.1100e-004	1.0774e-004
tblVehicleEF	MHD	8.3800e-004	4.4901e-004
tblVehicleEF	MHD	0.04	0.02

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tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3904e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0869e-003
tblVehicleEF	MHD	2.3200e-003	9.9519e-004
tblVehicleEF	MHD	0.04	9.5988e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92
tblVehicleEF	MHD	4.8000e-005	1.1758e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	4.6000e-005	1.1249e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	1.1800e-003	6.3266e-004

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tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.03	9.3047e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.8956e-004
tblVehicleEF	MHD	0.01	9.0982e-003
tblVehicleEF	MHD	6.0700e-004	1.0694e-004
tblVehicleEF	MHD	1.1800e-003	6.3266e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5743e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05
tblVehicleEF	MHD	0.02	4.6237e-003
tblVehicleEF	MHD	2.2950e-003	9.7301e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95

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tblVehicleEF	MHD	7.0000e-005	1.6315e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.8320e-003	6.2526e-003
tblVehicleEF	MHD	6.5400e-004	1.0428e-004
tblVehicleEF	MHD	6.7000e-005	1.5609e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.7070e-003	5.9771e-003
tblVehicleEF	MHD	6.0200e-004	9.5883e-005
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.03	9.2222e-003
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.3030e-003	4.9243e-004
tblVehicleEF	MHD	0.01	9.0981e-003
tblVehicleEF	MHD	6.1100e-004	1.0789e-004
tblVehicleEF	MHD	8.2900e-004	4.3473e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3394e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.01	8.6081e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0732e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.4000e-005	1.0268e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6663e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8266e-004
tblVehicleEF	OBUS	1.3340e-003	1.6535e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1533e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6902e-003
tblVehicleEF	OBUS	4.5620e-003	3.5422e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43
tblVehicleEF	OBUS	4.28	2.01
tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23
tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5363e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	1.2000e-005	9.1238e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5810e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8084e-004
tblVehicleEF	OBUS	1.8370e-003	2.2633e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5167e-003
tblVehicleEF	OBUS	4.4690e-003	3.4503e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2384e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.5110e-003	6.5795e-003
tblVehicleEF	OBUS	9.3700e-004	2.0266e-004
tblVehicleEF	OBUS	1.7000e-005	1.1848e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.3820e-003	6.2779e-003
tblVehicleEF	OBUS	8.6200e-004	1.8634e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7840e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8296e-004
tblVehicleEF	OBUS	1.3260e-003	1.6532e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0323e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1395e-003
tblVehicleEF	SBUS	0.06	8.9683e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18
tblVehicleEF	SBUS	2.88	4.33
tblVehicleEF	SBUS	4.9650e-003	3.4992e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.7500e-003	3.3478e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4332e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4400e-004	7.1436e-005
tblVehicleEF	SBUS	3.5410e-003	1.3075e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7722e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.47	0.06
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2398e-003
tblVehicleEF	SBUS	0.06	8.0601e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9567e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	4.0050e-003	2.8288e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5052e-003
tblVehicleEF	SBUS	0.01	9.9764e-003
tblVehicleEF	SBUS	7.2000e-004	6.8013e-005
tblVehicleEF	SBUS	4.8740e-003	1.7965e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0457e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1113e-003
tblVehicleEF	SBUS	0.07	9.0985e-003
tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2484e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8247e-005
tblVehicleEF	SBUS	5.7800e-003	4.0646e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6390e-003	2.5939e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1140e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.09	0.09

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9762e-003
tblVehicleEF	SBUS	7.4600e-004	7.1764e-005
tblVehicleEF	SBUS	3.4160e-003	1.2549e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5317e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6000e-003	1.9349e-004
tblVehicleEF	UBUS	5.0820e-003	7.8097e-004
tblVehicleEF	UBUS	0.08	7.2003e-003
tblVehicleEF	UBUS	3.3330e-003	4.7193e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	6.71	41.12
tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.5790e-003	1.9002e-004
tblVehicleEF	UBUS	6.8520e-003	1.0869e-003
tblVehicleEF	UBUS	0.08	7.5211e-003
tblVehicleEF	UBUS	4.4540e-003	6.7240e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1354e-003
tblVehicleEF	UBUS	1.3470e-003	2.0251e-004

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.02	2.9839e-003
tblVehicleEF	UBUS	1.2390e-003	1.8620e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6407e-003
tblVehicleEF	UBUS	1.6040e-003	1.9411e-004
tblVehicleEF	UBUS	5.4900e-003	8.2497e-004
tblVehicleEF	UBUS	0.09	8.0659e-003
tblVehicleEF	UBUS	3.3790e-003	4.6844e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.14
tblVehicleTrips	ST_TR	20.87	9.10
tblVehicleTrips	ST_TR	158.37	122.40
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	ST_TR	177.59	177.62
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	6.28
tblVehicleTrips	SU_TR	26.73	13.60

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

tblVehicleTrips	SU_TR	131.84	142.64
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	SU_TR	166.44	166.47
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	32.93	28.82
tblVehicleTrips	WD_TR	127.15	112.18
tblVehicleTrips	WD_TR	9.52	9.44
tblVehicleTrips	WD_TR	102.24	106.78

2.0 Emissions Summary

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	135.8421	9.1565	249.4000	0.5493		32.4289	32.4289		32.4289	32.4289	3,952.8396	7,658.7076	11,611.5472	11.8482	0.2683	11,987.7031
Energy	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378
Mobile	13.4035	27.9658	118.7390	0.3704	41.1332	0.2602	41.3933	10.9869	0.2426	11.2295		38,246.7445	38,246.7445	2.3198		38,304.7403
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	149.4899	39.2497	369.3195	0.9331	41.1332	32.8578	73.9910	10.9869	32.8403	43.8271	3,952.8396	48,570.4531	52,523.2926	14.2191	0.3172	52,973.2812

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

2.2 Overall Operational**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	26.0002	6.7009	37.4721	0.0421		0.7024	0.7024		0.7024	0.7024	0.0000	8,105.531 1	8,105.531 1	0.2142	0.1475	8,154.827 6
Energy	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.001 0	2,665.001 0	0.0511	0.0489	2,680.837 8
Mobile	13.1152	26.3478	108.0257	0.3265	36.0981	0.2317	36.3297	9.6420	0.2160	9.8579		33,712.90 20	33,712.90 20	2.1149		33,765.77 54
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	39.3596	35.1761	146.6783	0.3819	36.0981	1.1028	37.2009	9.6420	1.0871	10.7291	0.0000	44,483.43 41	44,483.43 41	2.3803	0.1963	44,601.44 08

	ROG	NOx	CO	SO2	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	73.67	10.38	60.28	59.07	12.24	96.64	49.72	12.24	96.69	75.52	100.00	8.41	15.31	83.26	38.10	15.80

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	7/29/2019	7/29/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

Acres of Paving: 0**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
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

3.2 Demolition - 2019**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

3.2 Demolition - 2019**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

4.1 Mitigation Measures Mobile

Increase Diversity

Improve Pedestrian Network

Implement NEV Network

	ROG	NOx	CO	SO2	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	13.1152	26.3478	108.0257	0.3265	36.0981	0.2317	36.3297	9.6420	0.2160	9.8579		33,712.90 20	33,712.90 20	2.1149		33,765.77 54
Unmitigated	13.4035	27.9658	118.7390	0.3704	41.1332	0.2602	41.3933	10.9869	0.2426	11.2295		38,246.74 45	38,246.74 45	2.3198		38,304.74 03

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	210.50	210.50	210.50	605,722	531,576
Condo/Townhouse	1,061.40	1,180.30	910.60	3,611,393	3,169,322
Health Club	648.45	204.75	306.00	1,146,687	1,006,321
High Turnover (Sit Down Restaurant)	897.44	979.20	1141.12	1,286,419	1,128,948
Single Family Housing	2,614.88	2,642.58	2368.35	8,828,617	7,747,906
Supermarket	1,281.36	2,131.44	1997.64	1,985,970	1,742,867
Total	6,714.03	7,348.77	6,934.21	17,464,807	15,326,940

4.3 Trip Type Information

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Supermarket	16.60	8.40	6.90	6.50	74.50	19.00	34	30	36

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
High Turnover (Sit Down Restaurant)	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Supermarket	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378
NaturalGas Unmitigated	0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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
Condo/Townhouse	4456.04	0.0481	0.4107	0.1748	2.6200e-003		0.0332	0.0332		0.0332	0.0332		524.2401	524.2401	0.0101	9.6100e-003	527.3554
Health Club	1028.84	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
High Turnover (Sit Down Restaurant)	5167.12	0.0557	0.5066	0.4255	3.0400e-003		0.0385	0.0385		0.0385	0.0385		607.8969	607.8969	0.0117	0.0111	611.5093
Single Family Housing	11422.9	0.1232	1.0527	0.4480	6.7200e-003		0.0851	0.0851		0.0851	0.0851		1,343.8665	1,343.8665	0.0258	0.0246	1,351.8524
Supermarket	577.644	6.2300e-003	0.0566	0.0476	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003		67.9581	67.9581	1.3000e-003	1.2500e-003	68.3619
Total		0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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
Condo/Townhouse	4.45604	0.0481	0.4107	0.1748	2.6200e-003		0.0332	0.0332		0.0332	0.0332		524.2401	524.2401	0.0101	9.6100e-003	527.3554
Health Club	1.02884	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
High Turnover (Sit Down Restaurant)	5.16712	0.0557	0.5066	0.4255	3.0400e-003		0.0385	0.0385		0.0385	0.0385		607.8969	607.8969	0.0117	0.0111	611.5093
Single Family Housing	11.4229	0.1232	1.0527	0.4480	6.7200e-003		0.0851	0.0851		0.0851	0.0851		1,343.8665	1,343.8665	0.0258	0.0246	1,351.8524
Supermarket	0.577644	6.2300e-003	0.0566	0.0476	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003		67.9581	67.9581	1.3000e-003	1.2500e-003	68.3619
Total		0.2443	2.1274	1.1805	0.0133		0.1688	0.1688		0.1688	0.1688		2,665.0010	2,665.0010	0.0511	0.0489	2,680.8378

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	26.0002	6.7009	37.4721	0.0421		0.7024	0.7024		0.7024	0.7024	0.0000	8,105.531 1	8,105.531 1	0.2142	0.1475	8,154.827 6
Unmitigated	135.8421	9.1565	249.4000	0.5493		32.4289	32.4289		32.4289	32.4289	3,952.839 6	7,658.707 6	11,611.54 72	11.8482	0.2683	11,987.70 31

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	110.5792	8.7558	214.6089	0.5475		32.2359	32.2359		32.2359	32.2359	3,952.839 6	7,596.000 0	11,548.83 96	11.7881	0.2683	11,923.49 35
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	135.8421	9.1565	249.4000	0.5493		32.4289	32.4289		32.4289	32.4289	3,952.839 6	7,658.707 6	11,611.54 72	11.8482	0.2683	11,987.70 31

Rancho La Habra - Project Development (Operations - Mitigated) - Orange 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	1.9545					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.2633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7373	6.3002	2.6809	0.0402		0.5094	0.5094		0.5094	0.5094	0.0000	8,042.8235	8,042.8235	0.1542	0.1475	8,090.6180
Landscaping	1.0451	0.4007	34.7912	1.8400e-003		0.1930	0.1930		0.1930	0.1930		62.7076	62.7076	0.0601		64.2096
Total	26.0002	6.7009	37.4721	0.0421		0.7024	0.7024		0.7024	0.7024	0.0000	8,105.5311	8,105.5311	0.2142	0.1475	8,154.8276

7.0 Water Detail**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources**Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (300 - 600 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Project Development (Operations - Mitigated) - Orange County, Summer

11.0 Vegetation

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APPENDIX 3.4:

CALEEMOD RESIDENTIAL OPTION PROJECT OPERATIONS EMISSIONS MODEL OUTPUTS

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

Rancho La Habra - Residential Option (Operations - Mitigated)

Orange County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
Condo/Townhouse	194.00	Dwelling Unit	9.52	368,600.00	582
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	417.5	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Based on TIA (Linscott Law & Greenspan Engineers) and ITE Trip Generation Manual, 10th Edition

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Land Use Change -

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Use - Title-24 Electricity Energy Intensity and Title-24 Natural Gas Energy Intensity were adjusted by 53% (residential) and 30% (nonresidential) to reflect 2019 Title 24 requirements.

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	200.00	1.00
tblEnergyUse	LightingElect	1,001.10	470.52
tblEnergyUse	LightingElect	2.99	2.09
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	T24E	172.41	81.03
tblEnergyUse	T24E	1.63	1.14
tblEnergyUse	T24E	253.73	119.25
tblEnergyUse	T24NG	12,129.63	5,700.93

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblEnergyUse	T24NG	14.04	9.83
tblEnergyUse	T24NG	20,288.91	7,535.79
tblLandUse	LandUseSquareFeet	194,000.00	368,600.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	12.13	9.52
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	555.00	582.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9760e-003
tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6960e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	2.5790e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7590e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	1.1800e-004	3.0000e-006
tblVehicleEF	HHD	4.7610e-003	1.0900e-004
tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8300e-004
tblVehicleEF	HHD	0.08	4.0000e-006
tblVehicleEF	HHD	0.03	8.8970e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	1.0000e-006
tblVehicleEF	HHD	1.1800e-004	3.0000e-006
tblVehicleEF	HHD	4.7610e-003	1.0900e-004
tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	2.0000e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8300e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	HHD	0.37	0.03

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5080e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24
tblVehicleEF	HHD	6.9760e-003	2.3520e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	1.0000e-006
tblVehicleEF	HHD	6.6740e-003	2.2500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7590e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	4.0000e-006
tblVehicleEF	HHD	4.8570e-003	1.1100e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	3.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7100e-004
tblVehicleEF	HHD	0.08	4.0000e-006

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	4.0000e-006
tblVehicleEF	HHD	4.8570e-003	1.1100e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	3.0000e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7100e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.17	8.7800e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27
tblVehicleEF	HHD	0.01	2.8860e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	1.0000e-006
tblVehicleEF	HHD	9.6330e-003	2.7610e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4570e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	1.1400e-004	3.0000e-006
tblVehicleEF	HHD	5.0300e-003	1.1900e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2100e-004
tblVehicleEF	HHD	0.08	4.0000e-006
tblVehicleEF	HHD	0.03	9.0380e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	1.0000e-006
tblVehicleEF	HHD	1.1400e-004	3.0000e-006
tblVehicleEF	HHD	5.0300e-003	1.1900e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	2.0000e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2100e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	LDA	2.7580e-003	1.4540e-003
tblVehicleEF	LDA	2.8090e-003	0.03
tblVehicleEF	LDA	0.43	0.49
tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5540e-003
tblVehicleEF	LDA	1.5740e-003	1.1940e-003
tblVehicleEF	LDA	2.0130e-003	1.4290e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2340e-003
tblVehicleEF	LDA	4.8900e-004	4.5800e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3930e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5500e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	1.7100e-003	1.2970e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	2.1900e-003	1.5540e-003
tblVehicleEF	LDA	1.5740e-003	1.1940e-003
tblVehicleEF	LDA	2.0130e-003	1.4290e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3750e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3250e-003
tblVehicleEF	LDA	4.8800e-004	4.5300e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4240e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5540e-003
tblVehicleEF	LDA	1.5740e-003	1.1940e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDA	2.0130e-003	1.4290e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9940e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2010e-003
tblVehicleEF	LDA	4.9000e-004	4.5800e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2530e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2240e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	2.1560e-003	1.6200e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	1.9830e-003	1.4900e-003
tblVehicleEF	LDT1	2.5640e-003	1.7820e-003
tblVehicleEF	LDT1	0.09	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.7370e-003	2.6900e-003
tblVehicleEF	LDT1	6.4900e-004	5.5900e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4160e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	2.1560e-003	1.6200e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	1.9830e-003	1.4900e-003
tblVehicleEF	LDT1	2.5640e-003	1.7820e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7840e-003
tblVehicleEF	LDT1	6.4500e-004	5.5400e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1640e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	2.1560e-003	1.6200e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	1.9830e-003	1.4900e-003
tblVehicleEF	LDT1	2.5640e-003	1.7820e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6550e-003
tblVehicleEF	LDT1	6.4900e-004	5.6000e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4810e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27
tblVehicleEF	LDT2	305.47	284.99
tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	1.8320e-003	1.3690e-003
tblVehicleEF	LDT2	2.3500e-003	1.5750e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4480e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4620e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8190e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	7.0100e-004	5.9000e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6380e-003
tblVehicleEF	LDT2	3.5660e-003	0.04
tblVehicleEF	LDT2	0.63	0.72
tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	1.8320e-003	1.3690e-003
tblVehicleEF	LDT2	2.3500e-003	1.5750e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4480e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9750e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9080e-003
tblVehicleEF	LDT2	6.9900e-004	5.8400e-004
tblVehicleEF	LDT2	0.05	0.09

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.8920e-003	2.4320e-003
tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	1.8320e-003	1.3690e-003
tblVehicleEF	LDT2	2.3500e-003	1.5750e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4480e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2900e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7860e-003
tblVehicleEF	LDT2	7.0100e-004	5.9100e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8060e-003
tblVehicleEF	LHD1	5.8690e-003	3.0280e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8600e-004
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8760e-003
tblVehicleEF	LHD1	6.9400e-004	2.0700e-004
tblVehicleEF	LHD1	8.3600e-004	8.4800e-004
tblVehicleEF	LHD1	2.5920e-003	2.4700e-003
tblVehicleEF	LHD1	8.3350e-003	5.5990e-003
tblVehicleEF	LHD1	6.3800e-004	1.9100e-004
tblVehicleEF	LHD1	2.2360e-003	1.6920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1450e-003
tblVehicleEF	LHD1	0.05	0.03

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4000e-005
tblVehicleEF	LHD1	5.5660e-003	5.9310e-003
tblVehicleEF	LHD1	3.1600e-004	1.0700e-004
tblVehicleEF	LHD1	2.2360e-003	1.6920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1450e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8150e-003
tblVehicleEF	LHD1	5.9560e-003	3.0670e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8600e-004
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8760e-003
tblVehicleEF	LHD1	6.9400e-004	2.0700e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	8.3600e-004	8.4800e-004
tblVehicleEF	LHD1	2.5920e-003	2.4700e-003
tblVehicleEF	LHD1	8.3350e-003	5.5990e-003
tblVehicleEF	LHD1	6.3800e-004	1.9100e-004
tblVehicleEF	LHD1	3.1160e-003	2.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5420e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4000e-005
tblVehicleEF	LHD1	5.5660e-003	5.9310e-003
tblVehicleEF	LHD1	3.1400e-004	1.0600e-004
tblVehicleEF	LHD1	3.1160e-003	2.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5420e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8040e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8600e-004
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8760e-003
tblVehicleEF	LHD1	6.9400e-004	2.0700e-004
tblVehicleEF	LHD1	8.3600e-004	8.4800e-004
tblVehicleEF	LHD1	2.5920e-003	2.4700e-003
tblVehicleEF	LHD1	8.3350e-003	5.5990e-003
tblVehicleEF	LHD1	6.3800e-004	1.9100e-004
tblVehicleEF	LHD1	2.2730e-003	1.7160e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1480e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4000e-005
tblVehicleEF	LHD1	5.5660e-003	5.9310e-003
tblVehicleEF	LHD1	3.1600e-004	1.0700e-004
tblVehicleEF	LHD1	2.2730e-003	1.7160e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1480e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4120e-003
tblVehicleEF	LHD2	2.5500e-003	2.5030e-003
tblVehicleEF	LHD2	5.1240e-003	7.7080e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3290e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4580e-003
tblVehicleEF	LHD2	3.7900e-004	1.1900e-004
tblVehicleEF	LHD2	1.0520e-003	1.2720e-003
tblVehicleEF	LHD2	2.6850e-003	2.6630e-003
tblVehicleEF	LHD2	7.2730e-003	9.0360e-003
tblVehicleEF	LHD2	3.4900e-004	1.1000e-004
tblVehicleEF	LHD2	7.8600e-004	1.0730e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5900e-004
tblVehicleEF	LHD2	0.04	0.04

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2700e-004
tblVehicleEF	LHD2	5.7380e-003	5.9620e-003
tblVehicleEF	LHD2	2.6400e-004	8.2000e-005
tblVehicleEF	LHD2	7.8600e-004	1.0730e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5900e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4190e-003
tblVehicleEF	LHD2	2.5710e-003	2.5210e-003
tblVehicleEF	LHD2	4.9820e-003	7.4670e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.28
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3290e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4580e-003
tblVehicleEF	LHD2	3.7900e-004	1.1900e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	1.0520e-003	1.2720e-003
tblVehicleEF	LHD2	2.6850e-003	2.6630e-003
tblVehicleEF	LHD2	7.2730e-003	9.0360e-003
tblVehicleEF	LHD2	3.4900e-004	1.1000e-004
tblVehicleEF	LHD2	1.1030e-003	1.5040e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0230e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2700e-004
tblVehicleEF	LHD2	5.7380e-003	5.9620e-003
tblVehicleEF	LHD2	2.6300e-004	8.2000e-005
tblVehicleEF	LHD2	1.1030e-003	1.5040e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0230e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4100e-003
tblVehicleEF	LHD2	2.5450e-003	2.4980e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3290e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4580e-003
tblVehicleEF	LHD2	3.7900e-004	1.1900e-004
tblVehicleEF	LHD2	1.0520e-003	1.2720e-003
tblVehicleEF	LHD2	2.6850e-003	2.6630e-003
tblVehicleEF	LHD2	7.2730e-003	9.0360e-003
tblVehicleEF	LHD2	3.4900e-004	1.1000e-004
tblVehicleEF	LHD2	7.7000e-004	1.0620e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2700e-004
tblVehicleEF	LHD2	5.7380e-003	5.9620e-003
tblVehicleEF	LHD2	2.6400e-004	8.2000e-005
tblVehicleEF	LHD2	7.7000e-004	1.0620e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4800e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	2.3120e-003	2.2960e-003
tblVehicleEF	MCY	3.4500e-003	2.9780e-003
tblVehicleEF	MCY	2.1580e-003	2.1430e-003
tblVehicleEF	MCY	3.2350e-003	2.7920e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1240e-003
tblVehicleEF	MCY	6.5200e-004	5.8000e-004
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	2.3120e-003	2.2960e-003
tblVehicleEF	MCY	3.4500e-003	2.9780e-003
tblVehicleEF	MCY	2.1580e-003	2.1430e-003
tblVehicleEF	MCY	3.2350e-003	2.7920e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1120e-003
tblVehicleEF	MCY	6.3300e-004	5.6300e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	2.3120e-003	2.2960e-003
tblVehicleEF	MCY	3.4500e-003	2.9780e-003
tblVehicleEF	MCY	2.1580e-003	2.1430e-003
tblVehicleEF	MCY	3.2350e-003	2.7920e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1250e-003
tblVehicleEF	MCY	6.5500e-004	5.8300e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71

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tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	1.8480e-003	1.4200e-003
tblVehicleEF	MDV	2.2760e-003	1.5900e-003
tblVehicleEF	MDV	1.7020e-003	1.3090e-003
tblVehicleEF	MDV	2.0930e-003	1.4620e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4950e-003
tblVehicleEF	MDV	9.4800e-004	7.1700e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1500e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92

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tblVehicleEF	MDV	92.03	71.80
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	1.8480e-003	1.4200e-003
tblVehicleEF	MDV	2.2760e-003	1.5900e-003
tblVehicleEF	MDV	1.7020e-003	1.3090e-003
tblVehicleEF	MDV	2.0930e-003	1.4620e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5870e-003
tblVehicleEF	MDV	9.4400e-004	7.1000e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9050e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69
tblVehicleEF	MDV	1.68	2.52
tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MDV	1.8480e-003	1.4200e-003
tblVehicleEF	MDV	2.2760e-003	1.5900e-003
tblVehicleEF	MDV	1.7020e-003	1.3090e-003
tblVehicleEF	MDV	2.0930e-003	1.4620e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4620e-003
tblVehicleEF	MDV	9.4900e-004	7.1800e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0180e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7570e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	3.0180e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7570e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0180e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7570e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3060e-003
tblVehicleEF	MHD	2.3010e-003	9.7900e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01
tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3700e-004
tblVehicleEF	MHD	2.8320e-003	6.2530e-003
tblVehicleEF	MHD	6.5400e-004	1.0400e-004
tblVehicleEF	MHD	5.5000e-005	1.3100e-004
tblVehicleEF	MHD	2.7070e-003	5.9770e-003
tblVehicleEF	MHD	6.0200e-004	9.6000e-005
tblVehicleEF	MHD	8.3800e-004	4.4900e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3900e-004
tblVehicleEF	MHD	0.03	9.2410e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9100e-004
tblVehicleEF	MHD	0.01	9.0980e-003
tblVehicleEF	MHD	6.1100e-004	1.0800e-004
tblVehicleEF	MHD	8.3800e-004	4.4900e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3900e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0870e-003
tblVehicleEF	MHD	2.3200e-003	9.9500e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.04	9.5990e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92
tblVehicleEF	MHD	4.8000e-005	1.1800e-004
tblVehicleEF	MHD	2.8320e-003	6.2530e-003
tblVehicleEF	MHD	6.5400e-004	1.0400e-004
tblVehicleEF	MHD	4.6000e-005	1.1200e-004
tblVehicleEF	MHD	2.7070e-003	5.9770e-003
tblVehicleEF	MHD	6.0200e-004	9.6000e-005
tblVehicleEF	MHD	1.1800e-003	6.3300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5700e-004
tblVehicleEF	MHD	0.03	9.3050e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.9000e-004
tblVehicleEF	MHD	0.01	9.0980e-003
tblVehicleEF	MHD	6.0700e-004	1.0700e-004
tblVehicleEF	MHD	1.1800e-003	6.3300e-004
tblVehicleEF	MHD	0.04	0.02

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5700e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05
tblVehicleEF	MHD	0.02	4.6240e-003
tblVehicleEF	MHD	2.2950e-003	9.7300e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95
tblVehicleEF	MHD	7.0000e-005	1.6300e-004
tblVehicleEF	MHD	2.8320e-003	6.2530e-003
tblVehicleEF	MHD	6.5400e-004	1.0400e-004
tblVehicleEF	MHD	6.7000e-005	1.5600e-004
tblVehicleEF	MHD	2.7070e-003	5.9770e-003
tblVehicleEF	MHD	6.0200e-004	9.6000e-005
tblVehicleEF	MHD	8.2900e-004	4.3500e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3400e-004
tblVehicleEF	MHD	0.03	9.2220e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.3030e-003	4.9200e-004
tblVehicleEF	MHD	0.01	9.0980e-003
tblVehicleEF	MHD	6.1100e-004	1.0800e-004
tblVehicleEF	MHD	8.2900e-004	4.3500e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3400e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	OBUS	0.01	8.6080e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0700e-004
tblVehicleEF	OBUS	2.5110e-003	6.5800e-003
tblVehicleEF	OBUS	9.3700e-004	2.0300e-004
tblVehicleEF	OBUS	1.4000e-005	1.0300e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	2.3820e-003	6.2780e-003
tblVehicleEF	OBUS	8.6200e-004	1.8600e-004
tblVehicleEF	OBUS	1.3340e-003	1.6540e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1500e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8300e-004
tblVehicleEF	OBUS	1.3340e-003	1.6540e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1500e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6900e-003
tblVehicleEF	OBUS	4.5620e-003	3.5420e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43
tblVehicleEF	OBUS	4.28	2.01
tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5000e-005
tblVehicleEF	OBUS	2.5110e-003	6.5800e-003
tblVehicleEF	OBUS	9.3700e-004	2.0300e-004
tblVehicleEF	OBUS	1.2000e-005	9.1000e-005
tblVehicleEF	OBUS	2.3820e-003	6.2780e-003
tblVehicleEF	OBUS	8.6200e-004	1.8600e-004
tblVehicleEF	OBUS	1.8370e-003	2.2630e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8100e-004
tblVehicleEF	OBUS	1.8370e-003	2.2630e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5170e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	4.4690e-003	3.4500e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
tblVehicleEF	OBUS	2.5110e-003	6.5800e-003
tblVehicleEF	OBUS	9.3700e-004	2.0300e-004
tblVehicleEF	OBUS	1.7000e-005	1.1800e-004
tblVehicleEF	OBUS	2.3820e-003	6.2780e-003
tblVehicleEF	OBUS	8.6200e-004	1.8600e-004
tblVehicleEF	OBUS	1.3260e-003	1.6530e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0300e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8300e-004
tblVehicleEF	OBUS	1.3260e-003	1.6530e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0300e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1390e-003
tblVehicleEF	SBUS	0.06	8.9680e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18
tblVehicleEF	SBUS	2.88	4.33
tblVehicleEF	SBUS	4.9650e-003	3.4990e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8000e-005
tblVehicleEF	SBUS	4.7500e-003	3.3480e-003
tblVehicleEF	SBUS	2.6390e-003	2.5940e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1000e-005
tblVehicleEF	SBUS	3.5410e-003	1.3080e-003
tblVehicleEF	SBUS	0.03	0.01

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7700e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4330e-003
tblVehicleEF	SBUS	0.01	9.9760e-003
tblVehicleEF	SBUS	7.4400e-004	7.1000e-005
tblVehicleEF	SBUS	3.5410e-003	1.3080e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7700e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.47	0.06
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2400e-003
tblVehicleEF	SBUS	0.06	8.0600e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25
tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9570e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8000e-005
tblVehicleEF	SBUS	4.0050e-003	2.8290e-003
tblVehicleEF	SBUS	2.6390e-003	2.5940e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1000e-005
tblVehicleEF	SBUS	4.8740e-003	1.7970e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0460e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5050e-003
tblVehicleEF	SBUS	0.01	9.9760e-003
tblVehicleEF	SBUS	7.2000e-004	6.8000e-005
tblVehicleEF	SBUS	4.8740e-003	1.7970e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0460e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1110e-003
tblVehicleEF	SBUS	0.07	9.0980e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2480e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8000e-005
tblVehicleEF	SBUS	5.7800e-003	4.0650e-003
tblVehicleEF	SBUS	2.6390e-003	2.5940e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1000e-005
tblVehicleEF	SBUS	3.4160e-003	1.2550e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9760e-003
tblVehicleEF	SBUS	7.4600e-004	7.2000e-005
tblVehicleEF	SBUS	3.4160e-003	1.2550e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5300e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1350e-003
tblVehicleEF	UBUS	1.3470e-003	2.0300e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.02	2.9840e-003
tblVehicleEF	UBUS	1.2390e-003	1.8600e-004
tblVehicleEF	UBUS	5.0820e-003	7.8100e-004
tblVehicleEF	UBUS	0.08	7.2000e-003
tblVehicleEF	UBUS	3.3330e-003	4.7200e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	8.4160e-003	3.6410e-003
tblVehicleEF	UBUS	1.6000e-003	1.9300e-004
tblVehicleEF	UBUS	5.0820e-003	7.8100e-004
tblVehicleEF	UBUS	0.08	7.2000e-003
tblVehicleEF	UBUS	3.3330e-003	4.7200e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	6.71	41.12
tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1350e-003
tblVehicleEF	UBUS	1.3470e-003	2.0300e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.02	2.9840e-003
tblVehicleEF	UBUS	1.2390e-003	1.8600e-004
tblVehicleEF	UBUS	6.8520e-003	1.0870e-003
tblVehicleEF	UBUS	0.08	7.5210e-003
tblVehicleEF	UBUS	4.4540e-003	6.7200e-004
tblVehicleEF	UBUS	0.27	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6410e-003
tblVehicleEF	UBUS	1.5790e-003	1.9000e-004
tblVehicleEF	UBUS	6.8520e-003	1.0870e-003
tblVehicleEF	UBUS	0.08	7.5210e-003
tblVehicleEF	UBUS	4.4540e-003	6.7200e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1350e-003
tblVehicleEF	UBUS	1.3470e-003	2.0300e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.02	2.9840e-003
tblVehicleEF	UBUS	1.2390e-003	1.8600e-004
tblVehicleEF	UBUS	5.4900e-003	8.2500e-004
tblVehicleEF	UBUS	0.09	8.0660e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

tblVehicleEF	UBUS	3.3790e-003	4.6800e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6410e-003
tblVehicleEF	UBUS	1.6040e-003	1.9400e-004
tblVehicleEF	UBUS	5.4900e-003	8.2500e-004
tblVehicleEF	UBUS	0.09	8.0660e-003
tblVehicleEF	UBUS	3.3790e-003	4.6800e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.14
tblVehicleTrips	ST_TR	20.87	9.10
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	6.28
tblVehicleTrips	SU_TR	26.73	13.60
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	32.93	28.82
tblVehicleTrips	WD_TR	9.52	9.44

2.0 Emissions Summary

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	150.3592	10.2197	278.3558	0.6131		36.1943	36.1943		36.1943	36.1943	4,411.8186	8,547.9823	12,959.8008	13.2239	0.2994	13,379.6332
Energy	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495
Mobile	9.4453	21.2586	90.5223	0.2994	34.7644	0.2142	34.9786	9.2852	0.1998	9.4849		30,733.7920	30,733.7920	1.5885		30,773.5035
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	159.9867	33.0414	369.5851	0.9224	34.7644	36.5344	71.2988	9.2852	36.5200	45.8052	4,411.8186	41,269.5116	45,681.3302	14.8505	0.3359	46,152.6863

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

2.2 Overall Operational**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	27.7631	7.4790	41.8201	0.0469		0.7840	0.7840		0.7840	0.7840	0.0000	9,046.688 2	9,046.688 2	0.2391	0.1646	9,101.708 2
Energy	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.737 4	1,987.737 4	0.0381	0.0364	1,999.549 5
Mobile	9.2056	19.8278	82.3135	0.2637	30.5089	0.1901	30.6990	8.1486	0.1773	8.3259		27,066.71 90	27,066.71 90	1.4502		27,102.97 35
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	37.1508	28.8699	124.8406	0.3206	30.5089	1.1000	31.6088	8.1486	1.0871	9.2357	0.0000	38,101.14 46	38,101.14 46	1.7274	0.2010	38,204.23 12

	ROG	NOx	CO	SO2	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	76.78	12.62	66.22	65.25	12.24	96.99	55.67	12.24	97.02	79.84	100.00	7.68	16.59	88.37	40.15	17.22

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/3/2020	8/3/2020	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

Acres of Paving: 0**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
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

3.2 Demolition - 2020**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

4.1 Mitigation Measures Mobile

Increase Diversity

Improve Pedestrian Network

Implement NEV Network

	ROG	NOx	CO	SO2	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	9.2056	19.8278	82.3135	0.2637	30.5089	0.1901	30.6990	8.1486	0.1773	8.3259		27,066.71 90	27,066.71 90	1.4502		27,102.97 35
Unmitigated	9.4453	21.2586	90.5223	0.2994	34.7644	0.2142	34.9786	9.2852	0.1998	9.4849		30,733.79 20	30,733.79 20	1.5885		30,773.50 35

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	210.50	210.50	210.50	605,722	531,576
Condo/Townhouse	1,420.08	1,579.16	1218.32	4,831,794	4,240,334
Health Club	648.45	204.75	306.00	1,146,687	1,006,321
Single Family Housing	2,614.88	2,642.58	2368.35	8,828,617	7,747,906
Total	4,893.91	4,636.99	4,103.17	15,412,820	13,526,137

4.3 Trip Type Information

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495
NaturalGas Unmitigated	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495

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
Condo/Townhouse	5961.88	0.0643	0.5494	0.2338	3.5100e-003		0.0444	0.0444		0.0444	0.0444		701.3971	701.3971	0.0134	0.0129	705.5651
Health Club	1028.84	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
Single Family Housing	9905.06	0.1068	0.9128	0.3884	5.8300e-003		0.0738	0.0738		0.0738	0.0738		1,165.3008	1,165.3008	0.0223	0.0214	1,172.2256
Total		0.1822	1.5631	0.7070	9.9500e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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
Condo/Townhouse	5.96188	0.0643	0.5494	0.2338	3.5100e-003		0.0444	0.0444		0.0444	0.0444		701.3971	701.3971	0.0134	0.0129	705.5651
Health Club	1.02884	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
Single Family Housing	9.90506	0.1068	0.9128	0.3884	5.8300e-003		0.0738	0.0738		0.0738	0.0738		1,165.3008	1,165.3008	0.0223	0.0214	1,172.2256
Total		0.1822	1.5631	0.7070	9.9500e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	27.7631	7.4790	41.8201	0.0469		0.7840	0.7840		0.7840	0.7840	0.0000	9,046.688 2	9,046.688 2	0.2391	0.1646	9,101.708 2
Unmitigated	150.3592	10.2197	278.3558	0.6131		36.1943	36.1943		36.1943	36.1943	4,411.818 6	8,547.982 3	12,959.80 08	13.2239	0.2994	13,379.63 32

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	2.0633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	23.7107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	123.4190	9.7725	239.5279	0.6111		35.9789	35.9789		35.9789	35.9789	4,411.818 6	8,478.000 0	12,889.81 86	13.1569	0.2994	13,307.97 50
Landscaping	1.1662	0.4472	38.8279	2.0500e-003		0.2154	0.2154		0.2154	0.2154		69.9823	69.9823	0.0670		71.6583
Total	150.3592	10.2197	278.3558	0.6131		36.1943	36.1943		36.1943	36.1943	4,411.818 6	8,547.982 3	12,959.80 08	13.2239	0.2994	13,379.63 32

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	2.0633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	23.7107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.8229	7.0318	2.9922	0.0449		0.5685	0.5685		0.5685	0.5685	0.0000	8,976.7059	8,976.7059	0.1721	0.1646	9,030.0500
Landscaping	1.1662	0.4472	38.8279	2.0500e-003		0.2154	0.2154		0.2154	0.2154		69.9823	69.9823	0.0670		71.6583
Total	27.7631	7.4790	41.8201	0.0469		0.7840	0.7840		0.7840	0.7840	0.0000	9,046.6882	9,046.6882	0.2391	0.1646	9,101.7082

7.0 Water Detail**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources**Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (300 - 600 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Winter

11.0 Vegetation

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

Rancho La Habra - Residential Option (Operations - Mitigated)**Orange County, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.10	Acre	42.10	1,833,876.00	0
Health Club	22.50	1000sqft	0.52	22,500.00	0
Condo/Townhouse	194.00	Dwelling Unit	9.52	368,600.00	582
Single Family Housing	277.00	Dwelling Unit	97.86	801,638.00	831

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	417.5	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

Project Characteristics - CO2 intensity factor represents CO2e intensity factor. The projected 2026 RPS target is derived based on a linear trajectory to reach the 50% project RPS consistent with SB 32 and SB 350.

Land Use - Total Project Area = 150 acres; Average Condo Size = 1,900 SF; Average Single Family Home Size = 2,894 SF

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Based on TIA (Linscott Law & Greenspan Engineers) and ITE Trip Generation Manual, 10th Edition

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Land Use Change -

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Use - Title-24 Electricity Energy Intensity and Title-24 Natural Gas Energy Intensity were adjusted by 53% (residential) and 30% (nonresidential) to reflect 2019 Title 24 requirements.

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	200.00	1.00
tblEnergyUse	LightingElect	1,001.10	470.52
tblEnergyUse	LightingElect	2.99	2.09
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	T24E	172.41	81.03
tblEnergyUse	T24E	1.63	1.14
tblEnergyUse	T24E	253.73	119.25
tblEnergyUse	T24NG	12,129.63	5,700.93

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblEnergyUse	T24NG	14.04	9.83
tblEnergyUse	T24NG	20,288.91	7,535.79
tblLandUse	LandUseSquareFeet	194,000.00	368,600.00
tblLandUse	LandUseSquareFeet	498,600.00	801,638.00
tblLandUse	LotAcreage	12.13	9.52
tblLandUse	LotAcreage	89.94	97.86
tblLandUse	Population	555.00	582.00
tblLandUse	Population	792.00	831.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	417.5
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleEF	HHD	0.39	0.03
tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.40	6.05
tblVehicleEF	HHD	1.30	0.68
tblVehicleEF	HHD	4.46	9.9760e-003
tblVehicleEF	HHD	3,712.33	976.34
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.24	5.17
tblVehicleEF	HHD	1.64	2.36
tblVehicleEF	HHD	8.2750e-003	2.6960e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	1.0000e-006
tblVehicleEF	HHD	7.9170e-003	2.5790e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7590e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	1.1800e-004	3.0000e-006
tblVehicleEF	HHD	4.7610e-003	1.0900e-004
tblVehicleEF	HHD	0.33	0.40
tblVehicleEF	HHD	9.2000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.4000e-004	4.8300e-004
tblVehicleEF	HHD	0.08	4.0000e-006
tblVehicleEF	HHD	0.03	8.8970e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1700e-004	1.0000e-006
tblVehicleEF	HHD	1.1800e-004	3.0000e-006
tblVehicleEF	HHD	4.7610e-003	1.0900e-004
tblVehicleEF	HHD	0.41	0.47
tblVehicleEF	HHD	9.2000e-005	2.0000e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.4000e-004	4.8300e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	HHD	0.37	0.03

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.17	0.15
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.02	5.97
tblVehicleEF	HHD	1.31	0.68
tblVehicleEF	HHD	4.25	9.5080e-003
tblVehicleEF	HHD	3,932.88	965.32
tblVehicleEF	HHD	1,567.60	1,325.78
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	12.63	4.94
tblVehicleEF	HHD	1.55	2.24
tblVehicleEF	HHD	6.9760e-003	2.3520e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	1.0000e-006
tblVehicleEF	HHD	6.6740e-003	2.2500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6670e-003	8.7590e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	4.0000e-006
tblVehicleEF	HHD	4.8570e-003	1.1100e-004
tblVehicleEF	HHD	0.32	0.42
tblVehicleEF	HHD	1.2600e-004	3.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.2300e-004	4.7100e-004
tblVehicleEF	HHD	0.08	4.0000e-006

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.03	8.7940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1400e-004	1.0000e-006
tblVehicleEF	HHD	1.6800e-004	4.0000e-006
tblVehicleEF	HHD	4.8570e-003	1.1100e-004
tblVehicleEF	HHD	0.39	0.49
tblVehicleEF	HHD	1.2600e-004	3.0000e-006
tblVehicleEF	HHD	0.26	0.18
tblVehicleEF	HHD	4.2300e-004	4.7100e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	HHD	0.42	0.02
tblVehicleEF	HHD	0.17	8.7800e-004
tblVehicleEF	HHD	0.06	1.0000e-006
tblVehicleEF	HHD	1.93	5.97
tblVehicleEF	HHD	1.30	0.21
tblVehicleEF	HHD	4.50	0.01
tblVehicleEF	HHD	3,407.76	956.71
tblVehicleEF	HHD	1,567.60	1,219.26
tblVehicleEF	HHD	14.46	0.08
tblVehicleEF	HHD	11.69	5.28
tblVehicleEF	HHD	1.61	2.27
tblVehicleEF	HHD	0.01	2.8860e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.8520e-003	0.02
tblVehicleEF	HHD	1.4400e-004	1.0000e-006
tblVehicleEF	HHD	9.6330e-003	2.7610e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6670e-003	8.4570e-003
tblVehicleEF	HHD	5.5990e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	1.1400e-004	3.0000e-006
tblVehicleEF	HHD	5.0300e-003	1.1900e-004
tblVehicleEF	HHD	0.36	0.37
tblVehicleEF	HHD	9.1000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	4.8300e-004	5.2100e-004
tblVehicleEF	HHD	0.08	4.0000e-006
tblVehicleEF	HHD	0.03	9.0380e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.1800e-004	1.0000e-006
tblVehicleEF	HHD	1.1400e-004	3.0000e-006
tblVehicleEF	HHD	5.0300e-003	1.1900e-004
tblVehicleEF	HHD	0.44	0.42
tblVehicleEF	HHD	9.1000e-005	2.0000e-006
tblVehicleEF	HHD	0.26	0.02
tblVehicleEF	HHD	4.8300e-004	5.2100e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	LDA	2.7580e-003	1.4540e-003
tblVehicleEF	LDA	2.8090e-003	0.03
tblVehicleEF	LDA	0.43	0.49
tblVehicleEF	LDA	0.72	1.76
tblVehicleEF	LDA	212.92	225.86
tblVehicleEF	LDA	47.75	46.23

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5540e-003
tblVehicleEF	LDA	1.5740e-003	1.1940e-003
tblVehicleEF	LDA	2.0130e-003	1.4290e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.9380e-003	5.0900e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.1310e-003	2.2340e-003
tblVehicleEF	LDA	4.8900e-004	4.5800e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.01	7.3930e-003
tblVehicleEF	LDA	0.03	0.17
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDA	2.9150e-003	1.5500e-003
tblVehicleEF	LDA	2.5300e-003	0.03
tblVehicleEF	LDA	0.46	0.54
tblVehicleEF	LDA	0.63	1.52
tblVehicleEF	LDA	221.83	235.06
tblVehicleEF	LDA	47.75	45.81
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	1.7100e-003	1.2970e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	2.1900e-003	1.5540e-003
tblVehicleEF	LDA	1.5740e-003	1.1940e-003
tblVehicleEF	LDA	2.0130e-003	1.4290e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	7.3280e-003	5.3750e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	2.2210e-003	2.3250e-003
tblVehicleEF	LDA	4.8800e-004	4.5300e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.01	7.8080e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.04	0.14
tblVehicleEF	LDA	2.7050e-003	1.4240e-003
tblVehicleEF	LDA	2.8660e-003	0.04
tblVehicleEF	LDA	0.41	0.47
tblVehicleEF	LDA	0.74	1.81
tblVehicleEF	LDA	209.63	222.46
tblVehicleEF	LDA	47.75	46.33
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	1.7100e-003	1.2970e-003
tblVehicleEF	LDA	2.1900e-003	1.5540e-003
tblVehicleEF	LDA	1.5740e-003	1.1940e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDA	2.0130e-003	1.4290e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	6.8070e-003	4.9940e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.0980e-003	2.2010e-003
tblVehicleEF	LDA	4.9000e-004	4.5800e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.8910e-003	7.2530e-003
tblVehicleEF	LDA	0.04	0.20
tblVehicleEF	LDA	0.04	0.16
tblVehicleEF	LDT1	5.9740e-003	3.2240e-003
tblVehicleEF	LDT1	7.9960e-003	0.05
tblVehicleEF	LDT1	0.78	0.78
tblVehicleEF	LDT1	1.69	1.92
tblVehicleEF	LDT1	272.89	271.82
tblVehicleEF	LDT1	61.96	56.50
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	2.1560e-003	1.6200e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	1.9830e-003	1.4900e-003
tblVehicleEF	LDT1	2.5640e-003	1.7820e-003
tblVehicleEF	LDT1	0.09	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.7370e-003	2.6900e-003
tblVehicleEF	LDT1	6.4900e-004	5.5900e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.12	0.24
tblVehicleEF	LDT1	6.2860e-003	3.4160e-003
tblVehicleEF	LDT1	7.1800e-003	0.04
tblVehicleEF	LDT1	0.85	0.85
tblVehicleEF	LDT1	1.46	1.66
tblVehicleEF	LDT1	283.94	281.33
tblVehicleEF	LDT1	61.96	56.01
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	2.1560e-003	1.6200e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	1.9830e-003	1.4900e-003
tblVehicleEF	LDT1	2.5640e-003	1.7820e-003
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.8480e-003	2.7840e-003
tblVehicleEF	LDT1	6.4500e-004	5.5400e-004
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.19	0.14
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.45
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	5.8680e-003	3.1640e-003
tblVehicleEF	LDT1	8.1630e-003	0.05
tblVehicleEF	LDT1	0.76	0.76
tblVehicleEF	LDT1	1.74	1.98
tblVehicleEF	LDT1	268.81	268.31
tblVehicleEF	LDT1	61.96	56.61
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	2.1560e-003	1.6200e-003
tblVehicleEF	LDT1	2.7890e-003	1.9380e-003
tblVehicleEF	LDT1	1.9830e-003	1.4900e-003
tblVehicleEF	LDT1	2.5640e-003	1.7820e-003
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.15	0.57

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	2.6960e-003	2.6550e-003
tblVehicleEF	LDT1	6.4900e-004	5.6000e-004
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.15	0.57
tblVehicleEF	LDT1	0.12	0.25
tblVehicleEF	LDT2	3.9670e-003	2.4810e-003
tblVehicleEF	LDT2	3.9510e-003	0.05
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.97	2.27
tblVehicleEF	LDT2	305.47	284.99
tblVehicleEF	LDT2	68.50	59.63
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	1.8320e-003	1.3690e-003
tblVehicleEF	LDT2	2.3500e-003	1.5750e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4480e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.8490e-003	9.4620e-003
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0580e-003	2.8190e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	7.0100e-004	5.9000e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	4.1900e-003	2.6380e-003
tblVehicleEF	LDT2	3.5660e-003	0.04
tblVehicleEF	LDT2	0.63	0.72
tblVehicleEF	LDT2	0.84	1.96
tblVehicleEF	LDT2	317.98	294.00
tblVehicleEF	LDT2	68.50	59.06
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	1.8320e-003	1.3690e-003
tblVehicleEF	LDT2	2.3500e-003	1.5750e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4480e-003
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.01	9.9750e-003
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	3.1840e-003	2.9080e-003
tblVehicleEF	LDT2	6.9900e-004	5.8400e-004
tblVehicleEF	LDT2	0.05	0.09

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.05	0.09
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.33
tblVehicleEF	LDT2	0.05	0.21
tblVehicleEF	LDT2	3.8920e-003	2.4320e-003
tblVehicleEF	LDT2	4.0310e-003	0.05
tblVehicleEF	LDT2	0.56	0.64
tblVehicleEF	LDT2	0.99	2.34
tblVehicleEF	LDT2	300.86	281.66
tblVehicleEF	LDT2	68.50	59.75
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	1.8320e-003	1.3690e-003
tblVehicleEF	LDT2	2.3500e-003	1.5750e-003
tblVehicleEF	LDT2	1.6850e-003	1.2600e-003
tblVehicleEF	LDT2	2.1610e-003	1.4480e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.6640e-003	9.2900e-003
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.05	0.22
tblVehicleEF	LDT2	3.0120e-003	2.7860e-003
tblVehicleEF	LDT2	7.0100e-004	5.9100e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LHD1	4.4070e-003	4.8060e-003
tblVehicleEF	LHD1	5.8690e-003	3.0280e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.81	0.90
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.77
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.79	0.46
tblVehicleEF	LHD1	8.7400e-004	8.8600e-004
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8760e-003
tblVehicleEF	LHD1	6.9400e-004	2.0700e-004
tblVehicleEF	LHD1	8.3600e-004	8.4800e-004
tblVehicleEF	LHD1	2.5920e-003	2.4700e-003
tblVehicleEF	LHD1	8.3350e-003	5.5990e-003
tblVehicleEF	LHD1	6.3800e-004	1.9100e-004
tblVehicleEF	LHD1	2.2360e-003	1.6920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4970e-003	1.1450e-003
tblVehicleEF	LHD1	0.05	0.03

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4000e-005
tblVehicleEF	LHD1	5.5660e-003	5.9310e-003
tblVehicleEF	LHD1	3.1600e-004	1.0700e-004
tblVehicleEF	LHD1	2.2360e-003	1.6920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.1450e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.37
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8150e-003
tblVehicleEF	LHD1	5.9560e-003	3.0670e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.49	0.35
tblVehicleEF	LHD1	1.73	0.86
tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.55
tblVehicleEF	LHD1	28.18	10.71
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.75	0.43
tblVehicleEF	LHD1	8.7400e-004	8.8600e-004
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8760e-003
tblVehicleEF	LHD1	6.9400e-004	2.0700e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	8.3600e-004	8.4800e-004
tblVehicleEF	LHD1	2.5920e-003	2.4700e-003
tblVehicleEF	LHD1	8.3350e-003	5.5990e-003
tblVehicleEF	LHD1	6.3800e-004	1.9100e-004
tblVehicleEF	LHD1	3.1160e-003	2.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.0060e-003	1.5420e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4000e-005
tblVehicleEF	LHD1	5.5660e-003	5.9310e-003
tblVehicleEF	LHD1	3.1400e-004	1.0600e-004
tblVehicleEF	LHD1	3.1160e-003	2.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.0060e-003	1.5420e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	4.4070e-003	4.8040e-003
tblVehicleEF	LHD1	5.8460e-003	3.0170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.14	0.18
tblVehicleEF	LHD1	0.48	0.34
tblVehicleEF	LHD1	1.82	0.90

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	9.05	8.70
tblVehicleEF	LHD1	569.17	608.54
tblVehicleEF	LHD1	28.18	10.78
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.78	0.45
tblVehicleEF	LHD1	8.7400e-004	8.8600e-004
tblVehicleEF	LHD1	0.01	9.8780e-003
tblVehicleEF	LHD1	8.7310e-003	5.8760e-003
tblVehicleEF	LHD1	6.9400e-004	2.0700e-004
tblVehicleEF	LHD1	8.3600e-004	8.4800e-004
tblVehicleEF	LHD1	2.5920e-003	2.4700e-003
tblVehicleEF	LHD1	8.3350e-003	5.5990e-003
tblVehicleEF	LHD1	6.3800e-004	1.9100e-004
tblVehicleEF	LHD1	2.2730e-003	1.7160e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.4980e-003	1.1480e-003
tblVehicleEF	LHD1	0.05	0.03
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.18	0.05
tblVehicleEF	LHD1	9.0000e-005	8.4000e-005
tblVehicleEF	LHD1	5.5660e-003	5.9310e-003
tblVehicleEF	LHD1	3.1600e-004	1.0700e-004
tblVehicleEF	LHD1	2.2730e-003	1.7160e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4980e-003	1.1480e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD2	3.1600e-003	3.4120e-003
tblVehicleEF	LHD2	2.5500e-003	2.5030e-003
tblVehicleEF	LHD2	5.1240e-003	7.7080e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.00	0.59
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.32
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.39	0.52
tblVehicleEF	LHD2	1.1000e-003	1.3290e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4580e-003
tblVehicleEF	LHD2	3.7900e-004	1.1900e-004
tblVehicleEF	LHD2	1.0520e-003	1.2720e-003
tblVehicleEF	LHD2	2.6850e-003	2.6630e-003
tblVehicleEF	LHD2	7.2730e-003	9.0360e-003
tblVehicleEF	LHD2	3.4900e-004	1.1000e-004
tblVehicleEF	LHD2	7.8600e-004	1.0730e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5900e-004
tblVehicleEF	LHD2	0.04	0.04

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2700e-004
tblVehicleEF	LHD2	5.7380e-003	5.9620e-003
tblVehicleEF	LHD2	2.6400e-004	8.2000e-005
tblVehicleEF	LHD2	7.8600e-004	1.0730e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7600e-004	7.5900e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4190e-003
tblVehicleEF	LHD2	2.5710e-003	2.5210e-003
tblVehicleEF	LHD2	4.9820e-003	7.4670e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	0.96	0.57
tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.28
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.36	0.49
tblVehicleEF	LHD2	1.1000e-003	1.3290e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4580e-003
tblVehicleEF	LHD2	3.7900e-004	1.1900e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	1.0520e-003	1.2720e-003
tblVehicleEF	LHD2	2.6850e-003	2.6630e-003
tblVehicleEF	LHD2	7.2730e-003	9.0360e-003
tblVehicleEF	LHD2	3.4900e-004	1.1000e-004
tblVehicleEF	LHD2	1.1030e-003	1.5040e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0230e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2700e-004
tblVehicleEF	LHD2	5.7380e-003	5.9620e-003
tblVehicleEF	LHD2	2.6300e-004	8.2000e-005
tblVehicleEF	LHD2	1.1030e-003	1.5040e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7500e-004	1.0230e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.05	0.20
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	3.1600e-003	3.4100e-003
tblVehicleEF	LHD2	2.5450e-003	2.4980e-003
tblVehicleEF	LHD2	5.1530e-003	7.7580e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.23	0.27
tblVehicleEF	LHD2	1.01	0.60

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	13.62	13.27
tblVehicleEF	LHD2	589.83	616.89
tblVehicleEF	LHD2	24.66	8.33
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.38	0.51
tblVehicleEF	LHD2	1.1000e-003	1.3290e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	7.6140e-003	9.4580e-003
tblVehicleEF	LHD2	3.7900e-004	1.1900e-004
tblVehicleEF	LHD2	1.0520e-003	1.2720e-003
tblVehicleEF	LHD2	2.6850e-003	2.6630e-003
tblVehicleEF	LHD2	7.2730e-003	9.0360e-003
tblVehicleEF	LHD2	3.4900e-004	1.1000e-004
tblVehicleEF	LHD2	7.7000e-004	1.0620e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.07	0.04
tblVehicleEF	LHD2	1.3300e-004	1.2700e-004
tblVehicleEF	LHD2	5.7380e-003	5.9620e-003
tblVehicleEF	LHD2	2.6400e-004	8.2000e-005
tblVehicleEF	LHD2	7.7000e-004	1.0620e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	7.4800e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.64	17.81
tblVehicleEF	MCY	9.65	8.54
tblVehicleEF	MCY	179.17	214.60
tblVehicleEF	MCY	43.54	58.63
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	2.3120e-003	2.2960e-003
tblVehicleEF	MCY	3.4500e-003	2.9780e-003
tblVehicleEF	MCY	2.1580e-003	2.1430e-003
tblVehicleEF	MCY	3.2350e-003	2.7920e-003
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.32	2.33
tblVehicleEF	MCY	0.57	1.70
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.1500e-003	2.1240e-003
tblVehicleEF	MCY	6.5200e-004	5.8000e-004
tblVehicleEF	MCY	1.12	1.14
tblVehicleEF	MCY	0.64	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.90	2.91
tblVehicleEF	MCY	0.57	1.70

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MCY	2.18	1.93
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.03	17.19
tblVehicleEF	MCY	8.86	7.81
tblVehicleEF	MCY	179.17	213.43
tblVehicleEF	MCY	43.54	56.86
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	2.3120e-003	2.2960e-003
tblVehicleEF	MCY	3.4500e-003	2.9780e-003
tblVehicleEF	MCY	2.1580e-003	2.1430e-003
tblVehicleEF	MCY	3.2350e-003	2.7920e-003
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.27	2.28
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.81	1.59
tblVehicleEF	MCY	2.1390e-003	2.1120e-003
tblVehicleEF	MCY	6.3300e-004	5.6300e-004
tblVehicleEF	MCY	1.68	1.72
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	1.07	1.09
tblVehicleEF	MCY	2.84	2.85
tblVehicleEF	MCY	0.53	1.59
tblVehicleEF	MCY	1.97	1.73
tblVehicleEF	MCY	0.50	0.35

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	17.73	17.90
tblVehicleEF	MCY	9.78	8.67
tblVehicleEF	MCY	179.17	214.78
tblVehicleEF	MCY	43.54	58.95
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	2.3120e-003	2.2960e-003
tblVehicleEF	MCY	3.4500e-003	2.9780e-003
tblVehicleEF	MCY	2.1580e-003	2.1430e-003
tblVehicleEF	MCY	3.2350e-003	2.7920e-003
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.33	2.34
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.04	1.81
tblVehicleEF	MCY	2.1520e-003	2.1250e-003
tblVehicleEF	MCY	6.5500e-004	5.8300e-004
tblVehicleEF	MCY	1.24	1.27
tblVehicleEF	MCY	0.81	0.84
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.91	2.92
tblVehicleEF	MCY	0.66	1.98
tblVehicleEF	MCY	2.22	1.97
tblVehicleEF	MDV	6.8660e-003	2.9640e-003
tblVehicleEF	MDV	8.3060e-003	0.06
tblVehicleEF	MDV	0.83	0.71

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MDV	1.63	2.44
tblVehicleEF	MDV	419.30	353.65
tblVehicleEF	MDV	92.03	72.42
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	1.8480e-003	1.4200e-003
tblVehicleEF	MDV	2.2760e-003	1.5900e-003
tblVehicleEF	MDV	1.7020e-003	1.3090e-003
tblVehicleEF	MDV	2.0930e-003	1.4620e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1950e-003	3.4950e-003
tblVehicleEF	MDV	9.4800e-004	7.1700e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.12	0.28
tblVehicleEF	MDV	7.2430e-003	3.1500e-003
tblVehicleEF	MDV	7.4810e-003	0.05
tblVehicleEF	MDV	0.90	0.78
tblVehicleEF	MDV	1.42	2.11
tblVehicleEF	MDV	435.95	362.92

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MDV	92.03	71.80
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	1.8480e-003	1.4200e-003
tblVehicleEF	MDV	2.2760e-003	1.5900e-003
tblVehicleEF	MDV	1.7020e-003	1.3090e-003
tblVehicleEF	MDV	2.0930e-003	1.4620e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	4.3620e-003	3.5870e-003
tblVehicleEF	MDV	9.4400e-004	7.1000e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.08	0.35
tblVehicleEF	MDV	0.11	0.25
tblVehicleEF	MDV	6.7380e-003	2.9050e-003
tblVehicleEF	MDV	8.4750e-003	0.06
tblVehicleEF	MDV	0.80	0.69
tblVehicleEF	MDV	1.68	2.52
tblVehicleEF	MDV	413.15	350.23
tblVehicleEF	MDV	92.03	72.55
tblVehicleEF	MDV	0.08	0.05

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MDV	1.8480e-003	1.4200e-003
tblVehicleEF	MDV	2.2760e-003	1.5900e-003
tblVehicleEF	MDV	1.7020e-003	1.3090e-003
tblVehicleEF	MDV	2.0930e-003	1.4620e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.11	0.26
tblVehicleEF	MDV	4.1330e-003	3.4620e-003
tblVehicleEF	MDV	9.4900e-004	7.1800e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.14	0.12
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.13	0.29
tblVehicleEF	MH	0.01	3.0180e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.09	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.02	3.30
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7570e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.66	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.01	3.0180e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.01	0.26
tblVehicleEF	MH	3.88	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	0.95	3.12
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.23	0.00
tblVehicleEF	MH	0.01	8.7570e-003
tblVehicleEF	MH	6.3100e-004	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.01	3.0180e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.98	0.26
tblVehicleEF	MH	4.12	0.00
tblVehicleEF	MH	1,088.87	926.29
tblVehicleEF	MH	56.38	0.00
tblVehicleEF	MH	1.00	3.24
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MH	8.7000e-004	0.00
tblVehicleEF	MH	3.2370e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	8.0000e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.01	8.7570e-003
tblVehicleEF	MH	6.3500e-004	0.00
tblVehicleEF	MH	0.70	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.27	0.00
tblVehicleEF	MHD	0.02	4.3060e-003
tblVehicleEF	MHD	2.3010e-003	9.7900e-004
tblVehicleEF	MHD	0.04	9.9220e-003
tblVehicleEF	MHD	0.31	0.37
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.97	1.01
tblVehicleEF	MHD	147.33	51.57
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.89

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.38	0.24
tblVehicleEF	MHD	0.66	0.97
tblVehicleEF	MHD	5.7000e-005	1.3700e-004
tblVehicleEF	MHD	2.8320e-003	6.2530e-003
tblVehicleEF	MHD	6.5400e-004	1.0400e-004
tblVehicleEF	MHD	5.5000e-005	1.3100e-004
tblVehicleEF	MHD	2.7070e-003	5.9770e-003
tblVehicleEF	MHD	6.0200e-004	9.6000e-005
tblVehicleEF	MHD	8.3800e-004	4.4900e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0600e-004	3.3900e-004
tblVehicleEF	MHD	0.03	9.2410e-003
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.4160e-003	4.9100e-004
tblVehicleEF	MHD	0.01	9.0980e-003
tblVehicleEF	MHD	6.1100e-004	1.0800e-004
tblVehicleEF	MHD	8.3800e-004	4.4900e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0600e-004	3.3900e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.10
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	MHD	0.01	4.0870e-003
tblVehicleEF	MHD	2.3200e-003	9.9500e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.04	9.5990e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	3.79	0.96
tblVehicleEF	MHD	156.06	51.42
tblVehicleEF	MHD	1,116.08	952.09
tblVehicleEF	MHD	54.11	10.81
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.63	0.92
tblVehicleEF	MHD	4.8000e-005	1.1800e-004
tblVehicleEF	MHD	2.8320e-003	6.2530e-003
tblVehicleEF	MHD	6.5400e-004	1.0400e-004
tblVehicleEF	MHD	4.6000e-005	1.1200e-004
tblVehicleEF	MHD	2.7070e-003	5.9770e-003
tblVehicleEF	MHD	6.0200e-004	9.6000e-005
tblVehicleEF	MHD	1.1800e-003	6.3300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	8.2200e-004	4.5700e-004
tblVehicleEF	MHD	0.03	9.3050e-003
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.24	0.05
tblVehicleEF	MHD	1.4990e-003	4.9000e-004
tblVehicleEF	MHD	0.01	9.0980e-003
tblVehicleEF	MHD	6.0700e-004	1.0700e-004
tblVehicleEF	MHD	1.1800e-003	6.3300e-004
tblVehicleEF	MHD	0.04	0.02

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	8.2200e-004	4.5700e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.09
tblVehicleEF	MHD	0.26	0.05
tblVehicleEF	MHD	0.02	4.6240e-003
tblVehicleEF	MHD	2.2950e-003	9.7300e-004
tblVehicleEF	MHD	0.04	9.9740e-003
tblVehicleEF	MHD	0.43	0.46
tblVehicleEF	MHD	0.22	0.14
tblVehicleEF	MHD	4.01	1.01
tblVehicleEF	MHD	135.27	51.76
tblVehicleEF	MHD	1,116.08	952.08
tblVehicleEF	MHD	54.11	10.90
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.65	0.95
tblVehicleEF	MHD	7.0000e-005	1.6300e-004
tblVehicleEF	MHD	2.8320e-003	6.2530e-003
tblVehicleEF	MHD	6.5400e-004	1.0400e-004
tblVehicleEF	MHD	6.7000e-005	1.5600e-004
tblVehicleEF	MHD	2.7070e-003	5.9770e-003
tblVehicleEF	MHD	6.0200e-004	9.6000e-005
tblVehicleEF	MHD	8.2900e-004	4.3500e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.0300e-004	3.3400e-004
tblVehicleEF	MHD	0.03	9.2220e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.25	0.05
tblVehicleEF	MHD	1.3030e-003	4.9200e-004
tblVehicleEF	MHD	0.01	9.0980e-003
tblVehicleEF	MHD	6.1100e-004	1.0800e-004
tblVehicleEF	MHD	8.2900e-004	4.3500e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.0300e-004	3.3400e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.27	0.05
tblVehicleEF	OBUS	0.01	8.6080e-003
tblVehicleEF	OBUS	4.4900e-003	3.4710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.51	2.12
tblVehicleEF	OBUS	79.00	80.51
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.46
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.55	0.95
tblVehicleEF	OBUS	1.5000e-005	1.0700e-004
tblVehicleEF	OBUS	2.5110e-003	6.5800e-003
tblVehicleEF	OBUS	9.3700e-004	2.0300e-004
tblVehicleEF	OBUS	1.4000e-005	1.0300e-004

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	2.3820e-003	6.2780e-003
tblVehicleEF	OBUS	8.6200e-004	1.8600e-004
tblVehicleEF	OBUS	1.3340e-003	1.6540e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4900e-004	9.1500e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.6600e-004	7.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8300e-004
tblVehicleEF	OBUS	1.3340e-003	1.6540e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.4900e-004	9.1500e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	0.01	8.6900e-003
tblVehicleEF	OBUS	4.5620e-003	3.5420e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.34	0.43
tblVehicleEF	OBUS	4.28	2.01
tblVehicleEF	OBUS	82.70	79.60
tblVehicleEF	OBUS	1,197.99	1,276.23

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	68.49	18.27
tblVehicleEF	OBUS	0.16	0.30
tblVehicleEF	OBUS	0.52	0.89
tblVehicleEF	OBUS	1.2000e-005	9.5000e-005
tblVehicleEF	OBUS	2.5110e-003	6.5800e-003
tblVehicleEF	OBUS	9.3700e-004	2.0300e-004
tblVehicleEF	OBUS	1.2000e-005	9.1000e-005
tblVehicleEF	OBUS	2.3820e-003	6.2780e-003
tblVehicleEF	OBUS	8.6200e-004	1.8600e-004
tblVehicleEF	OBUS	1.8370e-003	2.2630e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.27	0.10
tblVehicleEF	OBUS	8.0100e-004	7.5800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6000e-004	1.8100e-004
tblVehicleEF	OBUS	1.8370e-003	2.2630e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0190e-003	1.2350e-003
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.30	0.11
tblVehicleEF	OBUS	0.01	8.5170e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	4.4690e-003	3.4500e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.33	0.42
tblVehicleEF	OBUS	4.54	2.13
tblVehicleEF	OBUS	73.90	81.75
tblVehicleEF	OBUS	1,197.99	1,276.22
tblVehicleEF	OBUS	68.49	18.49
tblVehicleEF	OBUS	0.15	0.34
tblVehicleEF	OBUS	0.54	0.93
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
tblVehicleEF	OBUS	2.5110e-003	6.5800e-003
tblVehicleEF	OBUS	9.3700e-004	2.0300e-004
tblVehicleEF	OBUS	1.7000e-005	1.1800e-004
tblVehicleEF	OBUS	2.3820e-003	6.2780e-003
tblVehicleEF	OBUS	8.6200e-004	1.8600e-004
tblVehicleEF	OBUS	1.3260e-003	1.6530e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.3600e-004	9.0300e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.29	0.10
tblVehicleEF	OBUS	7.1700e-004	7.7800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6400e-004	1.8300e-004
tblVehicleEF	OBUS	1.3260e-003	1.6530e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	7.3600e-004	9.0300e-004
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1390e-003
tblVehicleEF	SBUS	0.06	8.9680e-003
tblVehicleEF	SBUS	8.76	3.71
tblVehicleEF	SBUS	0.77	0.76
tblVehicleEF	SBUS	8.04	1.19
tblVehicleEF	SBUS	1,056.06	358.73
tblVehicleEF	SBUS	1,050.26	1,039.84
tblVehicleEF	SBUS	60.45	7.22
tblVehicleEF	SBUS	6.45	3.18
tblVehicleEF	SBUS	2.88	4.33
tblVehicleEF	SBUS	4.9650e-003	3.4990e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8000e-005
tblVehicleEF	SBUS	4.7500e-003	3.3480e-003
tblVehicleEF	SBUS	2.6390e-003	2.5940e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1000e-005
tblVehicleEF	SBUS	3.5410e-003	1.3080e-003
tblVehicleEF	SBUS	0.03	0.01

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.1010e-003	7.7700e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.43	0.05
tblVehicleEF	SBUS	0.01	3.4330e-003
tblVehicleEF	SBUS	0.01	9.9760e-003
tblVehicleEF	SBUS	7.4400e-004	7.1000e-005
tblVehicleEF	SBUS	3.5410e-003	1.3080e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.1010e-003	7.7700e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.47	0.06
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.2400e-003
tblVehicleEF	SBUS	0.06	8.0600e-003
tblVehicleEF	SBUS	8.68	3.67
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	6.64	0.98
tblVehicleEF	SBUS	1,101.09	366.34
tblVehicleEF	SBUS	1,050.26	1,039.86
tblVehicleEF	SBUS	60.45	6.87
tblVehicleEF	SBUS	6.66	3.25
tblVehicleEF	SBUS	2.72	4.08
tblVehicleEF	SBUS	4.1860e-003	2.9570e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8000e-005
tblVehicleEF	SBUS	4.0050e-003	2.8290e-003
tblVehicleEF	SBUS	2.6390e-003	2.5940e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1000e-005
tblVehicleEF	SBUS	4.8740e-003	1.7970e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.8420e-003	1.0460e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.01	3.5050e-003
tblVehicleEF	SBUS	0.01	9.9760e-003
tblVehicleEF	SBUS	7.2000e-004	6.8000e-005
tblVehicleEF	SBUS	4.8740e-003	1.7970e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.50	0.63
tblVehicleEF	SBUS	2.8420e-003	1.0460e-003
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.05
tblVehicleEF	SBUS	0.82	0.10
tblVehicleEF	SBUS	0.01	8.1110e-003
tblVehicleEF	SBUS	0.07	9.0980e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	8.88	3.75
tblVehicleEF	SBUS	0.77	0.75
tblVehicleEF	SBUS	8.17	1.21
tblVehicleEF	SBUS	993.88	348.22
tblVehicleEF	SBUS	1,050.26	1,039.83
tblVehicleEF	SBUS	60.45	7.25
tblVehicleEF	SBUS	6.17	3.08
tblVehicleEF	SBUS	2.83	4.25
tblVehicleEF	SBUS	6.0420e-003	4.2480e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	1.0880e-003	8.8000e-005
tblVehicleEF	SBUS	5.7800e-003	4.0650e-003
tblVehicleEF	SBUS	2.6390e-003	2.5940e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.0000e-003	8.1000e-005
tblVehicleEF	SBUS	3.4160e-003	1.2550e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.04	0.44
tblVehicleEF	SBUS	2.0430e-003	7.5300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.44	0.05
tblVehicleEF	SBUS	9.7890e-003	3.3340e-003
tblVehicleEF	SBUS	0.01	9.9760e-003
tblVehicleEF	SBUS	7.4600e-004	7.2000e-005
tblVehicleEF	SBUS	3.4160e-003	1.2550e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.51	0.63
tblVehicleEF	SBUS	2.0430e-003	7.5300e-004
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.48	0.06
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.68	41.12
tblVehicleEF	UBUS	10.95	1.81
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.55
tblVehicleEF	UBUS	2.86	0.45
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1350e-003
tblVehicleEF	UBUS	1.3470e-003	2.0300e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.02	2.9840e-003
tblVehicleEF	UBUS	1.2390e-003	1.8600e-004
tblVehicleEF	UBUS	5.0820e-003	7.8100e-004
tblVehicleEF	UBUS	0.08	7.2000e-003
tblVehicleEF	UBUS	3.3330e-003	4.7200e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.88	0.10

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	8.4160e-003	3.6410e-003
tblVehicleEF	UBUS	1.6000e-003	1.9300e-004
tblVehicleEF	UBUS	5.0820e-003	7.8100e-004
tblVehicleEF	UBUS	0.08	7.2000e-003
tblVehicleEF	UBUS	3.3330e-003	4.7200e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.97	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	6.71	41.12
tblVehicleEF	UBUS	9.70	1.61
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.20
tblVehicleEF	UBUS	2.69	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1350e-003
tblVehicleEF	UBUS	1.3470e-003	2.0300e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.02	2.9840e-003
tblVehicleEF	UBUS	1.2390e-003	1.8600e-004
tblVehicleEF	UBUS	6.8520e-003	1.0870e-003
tblVehicleEF	UBUS	0.08	7.5210e-003
tblVehicleEF	UBUS	4.4540e-003	6.7200e-004
tblVehicleEF	UBUS	0.27	0.08

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6410e-003
tblVehicleEF	UBUS	1.5790e-003	1.9000e-004
tblVehicleEF	UBUS	6.8520e-003	1.0870e-003
tblVehicleEF	UBUS	0.08	7.5210e-003
tblVehicleEF	UBUS	4.4540e-003	6.7200e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.90	0.11
tblVehicleEF	UBUS	1.41	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	6.67	41.12
tblVehicleEF	UBUS	11.17	1.85
tblVehicleEF	UBUS	1,771.11	2,017.13
tblVehicleEF	UBUS	140.16	19.62
tblVehicleEF	UBUS	2.81	0.44
tblVehicleEF	UBUS	0.51	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.02	3.1350e-003
tblVehicleEF	UBUS	1.3470e-003	2.0300e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.02	2.9840e-003
tblVehicleEF	UBUS	1.2390e-003	1.8600e-004
tblVehicleEF	UBUS	5.4900e-003	8.2500e-004
tblVehicleEF	UBUS	0.09	8.0660e-003

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

tblVehicleEF	UBUS	3.3790e-003	4.6800e-004
tblVehicleEF	UBUS	0.27	0.08
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.90	0.10
tblVehicleEF	UBUS	8.4160e-003	3.6410e-003
tblVehicleEF	UBUS	1.6040e-003	1.9400e-004
tblVehicleEF	UBUS	5.4900e-003	8.2500e-004
tblVehicleEF	UBUS	0.09	8.0660e-003
tblVehicleEF	UBUS	3.3790e-003	4.6800e-004
tblVehicleEF	UBUS	1.71	5.38
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	0.98	0.11
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.14
tblVehicleTrips	ST_TR	20.87	9.10
tblVehicleTrips	ST_TR	9.91	9.54
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	6.28
tblVehicleTrips	SU_TR	26.73	13.60
tblVehicleTrips	SU_TR	8.62	8.55
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	7.32
tblVehicleTrips	WD_TR	32.93	28.82
tblVehicleTrips	WD_TR	9.52	9.44

2.0 Emissions Summary

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	150.3592	10.2197	278.3558	0.6131		36.1943	36.1943		36.1943	36.1943	4,411.8186	8,547.9823	12,959.8008	13.2239	0.2994	13,379.6332
Energy	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495
Mobile	9.0477	20.5932	93.9221	0.3107	34.7704	0.2143	34.9847	9.2874	0.1999	9.4872		32,080.7994	32,080.7994	1.8276		32,126.4882
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	159.5891	32.3760	372.9848	0.9337	34.7704	36.5345	71.3049	9.2874	36.5201	45.8074	4,411.8186	42,616.5190	47,028.3376	15.0896	0.3359	47,505.6710

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

2.2 Overall Operational**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	27.7631	7.4790	41.8201	0.0469		0.7840	0.7840		0.7840	0.7840	0.0000	9,046.688 2	9,046.688 2	0.2391	0.1646	9,101.708 2
Energy	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.737 4	1,987.737 4	0.0381	0.0364	1,999.549 5
Mobile	8.8040	19.2254	84.8660	0.2736	30.5142	0.1902	30.7044	8.1505	0.1774	8.3279		28,248.28 31	28,248.28 31	1.6544		28,289.64 18
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	36.7493	28.2675	127.3931	0.3305	30.5142	1.1001	31.6142	8.1505	1.0872	9.2377	0.0000	39,282.70 86	39,282.70 86	1.9315	0.2010	39,390.89 96

	ROG	NOx	CO	SO2	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	76.97	12.69	65.84	64.61	12.24	96.99	55.66	12.24	97.02	79.83	100.00	7.82	16.47	87.20	40.15	17.08

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/3/2020	8/3/2020	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

Acres of Paving: 0**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
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

3.2 Demolition - 2020**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

4.1 Mitigation Measures Mobile

Increase Diversity

Improve Pedestrian Network

Implement NEV Network

	ROG	NOx	CO	SO2	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	8.8040	19.2254	84.8660	0.2736	30.5142	0.1902	30.7044	8.1505	0.1774	8.3279		28,248.28 31	28,248.28 31	1.6544		28,289.64 18
Unmitigated	9.0477	20.5932	93.9221	0.3107	34.7704	0.2143	34.9847	9.2874	0.1999	9.4872		32,080.79 94	32,080.79 94	1.8276		32,126.48 82

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	210.50	210.50	210.50	605,722	531,576
Condo/Townhouse	1,420.08	1,579.16	1218.32	4,831,794	4,240,334
Health Club	648.45	204.75	306.00	1,146,687	1,006,321
Single Family Housing	2,614.88	2,642.58	2368.35	8,828,617	7,747,906
Total	4,893.91	4,636.99	4,103.17	15,412,820	13,526,137

4.3 Trip Type Information

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Condo/Townhouse	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Health Club	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836
Single Family Housing	0.567806	0.042648	0.209377	0.105989	0.013805	0.005766	0.026460	0.018426	0.001825	0.001473	0.004977	0.000611	0.000836

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495
NaturalGas Unmitigated	0.1822	1.5631	0.7070	9.9400e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495

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
Condo/Townhouse	5961.88	0.0643	0.5494	0.2338	3.5100e-003		0.0444	0.0444		0.0444	0.0444		701.3971	701.3971	0.0134	0.0129	705.5651
Health Club	1028.84	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
Single Family Housing	9905.06	0.1068	0.9128	0.3884	5.8300e-003		0.0738	0.0738		0.0738	0.0738		1,165.3008	1,165.3008	0.0223	0.0214	1,172.2256
Total		0.1822	1.5631	0.7070	9.9500e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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
Condo/Townhouse	5.96188	0.0643	0.5494	0.2338	3.5100e-003		0.0444	0.0444		0.0444	0.0444		701.3971	701.3971	0.0134	0.0129	705.5651
Health Club	1.02884	0.0111	0.1009	0.0847	6.1000e-004		7.6700e-003	7.6700e-003		7.6700e-003	7.6700e-003		121.0395	121.0395	2.3200e-003	2.2200e-003	121.7588
Single Family Housing	9.90506	0.1068	0.9128	0.3884	5.8300e-003		0.0738	0.0738		0.0738	0.0738		1,165.3008	1,165.3008	0.0223	0.0214	1,172.2256
Total		0.1822	1.5631	0.7070	9.9500e-003		0.1259	0.1259		0.1259	0.1259		1,987.7374	1,987.7374	0.0381	0.0364	1,999.5495

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	27.7631	7.4790	41.8201	0.0469		0.7840	0.7840		0.7840	0.7840	0.0000	9,046.688 2	9,046.688 2	0.2391	0.1646	9,101.708 2
Unmitigated	150.3592	10.2197	278.3558	0.6131		36.1943	36.1943		36.1943	36.1943	4,411.818 6	8,547.982 3	12,959.80 08	13.2239	0.2994	13,379.63 32

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	2.0633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	23.7107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	123.4190	9.7725	239.5279	0.6111		35.9789	35.9789		35.9789	35.9789	4,411.818 6	8,478.000 0	12,889.81 86	13.1569	0.2994	13,307.97 50
Landscaping	1.1662	0.4472	38.8279	2.0500e-003		0.2154	0.2154		0.2154	0.2154		69.9823	69.9823	0.0670		71.6583
Total	150.3592	10.2197	278.3558	0.6131		36.1943	36.1943		36.1943	36.1943	4,411.818 6	8,547.982 3	12,959.80 08	13.2239	0.2994	13,379.63 32

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange 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	2.0633					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	23.7107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.8229	7.0318	2.9922	0.0449		0.5685	0.5685		0.5685	0.5685	0.0000	8,976.7059	8,976.7059	0.1721	0.1646	9,030.0500
Landscaping	1.1662	0.4472	38.8279	2.0500e-003		0.2154	0.2154		0.2154	0.2154		69.9823	69.9823	0.0670		71.6583
Total	27.7631	7.4790	41.8201	0.0469		0.7840	0.7840		0.7840	0.7840	0.0000	9,046.6882	9,046.6882	0.2391	0.1646	9,101.7082

7.0 Water Detail**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources**Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (300 - 600 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Rancho La Habra - Residential Option (Operations - Mitigated) - Orange County, Summer

11.0 Vegetation

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APPENDIX 3.5:

CALEEMOD EXISTING OPERATIONS EMISSIONS MODEL OUTPUTS

Existing Westridge Golf Course - Orange County, Winter

Existing Westridge Golf Course

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	100.10	1000sqft	2.30	100,100.00	0
Golf Course	18.00	Hole	125.66	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Existing Westridge Golf Course - Orange County, Winter

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Trips and VMT - Operations only

On-road Fugitive Dust - Operation only

Vehicle Trips - Trip generation based on TIA (Linscott Law & Greenspan Engineers) 2019

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater - WSA

Fleet Mix -

Existing Westridge Golf Course - Orange County, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	40
tblConstructionPhase	NumDays	200.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblVehicleTrips	ST_TR	40.63	30.39
tblVehicleTrips	SU_TR	39.53	30.39
tblVehicleTrips	WD_TR	35.74	30.39
tblWater	OutdoorWaterUseRate	149,721,308.10	89,934,860.30

2.0 Emissions Summary

Existing Westridge Golf Course - Orange County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Existing Westridge Golf Course - Orange 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	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.8838	3.4860	10.2147	0.0328	2.8257	0.0385	2.8642	0.7556	0.0362	0.7919		3,323.600 4	3,323.600 4	0.1572		3,327.529 7
Total	1.4295	3.4861	10.2269	0.0328	2.8257	0.0386	2.8643	0.7556	0.0363	0.7919		3,323.626 2	3,323.626 2	0.1572	0.0000	3,327.557 3

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	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.8838	3.4860	10.2147	0.0328	2.8257	0.0385	2.8642	0.7556	0.0362	0.7919		3,323.600 4	3,323.600 4	0.1572		3,327.529 7
Total	1.4295	3.4861	10.2269	0.0328	2.8257	0.0386	2.8643	0.7556	0.0363	0.7919		3,323.626 2	3,323.626 2	0.1572	0.0000	3,327.557 3

Existing Westridge Golf Course - Orange 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2017	1/2/2017	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.3

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
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Existing Westridge Golf Course - Orange County, Winter

3.1 Mitigation Measures Construction**3.2 Demolition - 2017****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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Existing Westridge Golf Course - Orange County, Winter

3.2 Demolition - 2017**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Existing Westridge Golf Course - Orange County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8838	3.4860	10.2147	0.0328	2.8257	0.0385	2.8642	0.7556	0.0362	0.7919		3,323.600 4	3,323.600 4	0.1572		3,327.529 7
Unmitigated	0.8838	3.4860	10.2147	0.0328	2.8257	0.0385	2.8642	0.7556	0.0362	0.7919		3,323.600 4	3,323.600 4	0.1572		3,327.529 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Golf Course	547.02	547.02	547.02	1,332,274	1,332,274
Parking Lot	0.00	0.00	0.00		
Total	547.02	547.02	547.02	1,332,274	1,332,274

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
Golf Course	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Existing Westridge Golf Course - Orange County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Golf Course	0.552373	0.044229	0.211123	0.119112	0.017503	0.005797	0.024455	0.015685	0.001637	0.001633	0.004830	0.000583	0.001041
Parking Lot	0.552373	0.044229	0.211123	0.119112	0.017503	0.005797	0.024455	0.015685	0.001637	0.001633	0.004830	0.000583	0.001041

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

Existing Westridge Golf Course - Orange 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					
Golf Course	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Golf Course	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

Existing Westridge Golf Course - Orange 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	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Unmitigated	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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	0.0648					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1500e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

Existing Westridge Golf Course - Orange 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	0.0648					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1500e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Existing Westridge Golf Course - Orange County, Winter

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Existing Westridge Golf Course - Orange County, Summer

Existing Westridge Golf Course

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	100.10	1000sqft	2.30	100,100.00	0
Golf Course	18.00	Hole	125.66	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Existing Westridge Golf Course - Orange County, Summer

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Trips and VMT - Operations only

On-road Fugitive Dust - Operation only

Vehicle Trips - Trip generation based on TIA (Linscott Law & Greenspan Engineers) 2019

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater - WSA

Fleet Mix -

Existing Westridge Golf Course - Orange County, Summer

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	40
tblConstructionPhase	NumDays	200.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblVehicleTrips	ST_TR	40.63	30.39
tblVehicleTrips	SU_TR	39.53	30.39
tblVehicleTrips	WD_TR	35.74	30.39
tblWater	OutdoorWaterUseRate	149,721,308.10	89,934,860.30

2.0 Emissions Summary

Existing Westridge Golf Course - Orange County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Existing Westridge Golf Course - Orange 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	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.8946	3.3906	10.5237	0.0344	2.8257	0.0383	2.8640	0.7556	0.0360	0.7916		3,480.944 7	3,480.944 7	0.1570		3,484.870 4
Total	1.4403	3.3907	10.5359	0.0344	2.8257	0.0383	2.8640	0.7556	0.0360	0.7916		3,480.970 6	3,480.970 6	0.1571	0.0000	3,484.898 0

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	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.8946	3.3906	10.5237	0.0344	2.8257	0.0383	2.8640	0.7556	0.0360	0.7916		3,480.944 7	3,480.944 7	0.1570		3,484.870 4
Total	1.4403	3.3907	10.5359	0.0344	2.8257	0.0383	2.8640	0.7556	0.0360	0.7916		3,480.970 6	3,480.970 6	0.1571	0.0000	3,484.898 0

Existing Westridge Golf Course - Orange 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2017	1/2/2017	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.3

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
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Existing Westridge Golf Course - Orange County, Summer

3.1 Mitigation Measures Construction**3.2 Demolition - 2017****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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Existing Westridge Golf Course - Orange County, Summer

3.2 Demolition - 2017**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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Existing Westridge Golf Course - Orange County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8946	3.3906	10.5237	0.0344	2.8257	0.0383	2.8640	0.7556	0.0360	0.7916		3,480.9447	3,480.9447	0.1570		3,484.8704
Unmitigated	0.8946	3.3906	10.5237	0.0344	2.8257	0.0383	2.8640	0.7556	0.0360	0.7916		3,480.9447	3,480.9447	0.1570		3,484.8704

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Golf Course	547.02	547.02	547.02	1,332,274	1,332,274
Parking Lot	0.00	0.00	0.00		
Total	547.02	547.02	547.02	1,332,274	1,332,274

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
Golf Course	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Existing Westridge Golf Course - Orange County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Golf Course	0.552373	0.044229	0.211123	0.119112	0.017503	0.005797	0.024455	0.015685	0.001637	0.001633	0.004830	0.000583	0.001041
Parking Lot	0.552373	0.044229	0.211123	0.119112	0.017503	0.005797	0.024455	0.015685	0.001637	0.001633	0.004830	0.000583	0.001041

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

Existing Westridge Golf Course - Orange 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					
Golf Course	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Golf Course	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

Existing Westridge Golf Course - Orange 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	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Unmitigated	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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	0.0648					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1500e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

Existing Westridge Golf Course - Orange 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	0.0648					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1500e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	0.5457	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Existing Westridge Golf Course - Orange County, Summer

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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APPENDIX 3.6:

CRUSHING EMISSIONS OUTPUTS

Phase 3 - Crushing Operations PM 10 & PM 2.5 Fugitive Dust Emissions

Crusher	Tons/day Processed	Controlled Emission Factor (lb/ton) ¹	Max Daily Emissions (lb/day)
PM 10	1511.11	0.00054	0.8159994
PM 2.5	1511.11	0.0001	0.151111
Note: Total 170,000 cubic feet; 2,400 lbs per cubic yd; 1,511.11 tons/day based on Cal Recycle Solid Waste Cleanup 2400 lbs/yd ³			
¹ Controlled Emission Factor U.S. EPA AP 42 11.19.2-2			

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APPENDIX 3.7:

AEROMOD EMISSION OUTPUTS

CO

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 9.7.0

** Lakes Environmental Software Inc.

** Date: 8/19/2019

** File: C:\Lakes\AERMOD View\RanchoLH\CO\CO.ADI

**

**

**

** AERMOD Control Pathway

**

**

CO STARTING

TITLEONE C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc

MODELOPT DFAULT CONC

AVERTIME 1 8

URBANOPT 3010759

POLLUTID CO

FLAGPOLE 2.00

RUNORNOT RUN

ERRORFIL CO.err

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

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

LOCATION	VOL	VOLUME	X Coord.	Y Coord.	Value
VOL1			410761.082	3752538.457	121.000

** DESCRSRC Unmitigated

VOL2			410802.525	3752537.197	121.000

** DESCRSRC Unmitigated

VOL3			410843.655	3752537.012	121.000

** DESCRSRC Unmitigated

VOL4			410875.364	3752537.552	121.000

** DESCRSRC Unmitigated

VOL5			410760.522	3752497.359	121.000

** DESCRSRC Unmitigated

VOL6			410801.900	3752496.805	121.000

** DESCRSRC Unmitigated

			CO		
	LOCATION VOL7	VOLUME	410842.542	3752496.771	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL8	VOLUME	410875.994	3752496.413	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL9	VOLUME	410761.076	3752455.817	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL10	VOLUME	410760.676	3752423.407	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL11	VOLUME	410801.088	3752423.007	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL12	VOLUME	410842.700	3752423.007	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL13	VOLUME	410875.110	3752423.807	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL14	VOLUME	410802.209	3752455.908	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL15	VOLUME	410841.650	3752456.843	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL16	VOLUME	410875.504	3752455.517	121.000
**	DESCRSRC Unmitigated				
	LOCATION VOL17	VOLUME	410761.080	3752538.460	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL18	VOLUME	410802.520	3752537.200	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL19	VOLUME	410843.660	3752537.010	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL20	VOLUME	410875.360	3752537.550	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL21	VOLUME	410760.520	3752497.360	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL22	VOLUME	410801.900	3752496.800	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL23	VOLUME	410842.540	3752496.770	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL24	VOLUME	410875.990	3752496.410	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL25	VOLUME	410761.080	3752455.820	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL26	VOLUME	410802.210	3752455.910	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL27	VOLUME	410841.650	3752456.840	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL28	VOLUME	410875.500	3752455.520	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL29	VOLUME	410760.680	3752423.410	121.000
**	DESCRSRC Mitigated				
	LOCATION VOL30	VOLUME	410801.090	3752423.010	121.000
**	DESCRSRC Mitigated				

		CO			
LOCATION	VOL31	VOLUME	410842.700	3752423.010	121.000
** DESCRSRC Mitigated					
LOCATION	VOL32	VOLUME	410875.110	3752423.810	121.000
** DESCRSRC Mitigated					
** Source Parameters **					
SRCPARAM	VOL1	0.0567679671	5.000	9.302	2.330
SRCPARAM	VOL2	0.05677	5.000	9.302	2.330
SRCPARAM	VOL3	0.05677	5.000	9.302	2.330
SRCPARAM	VOL4	0.05677	5.000	9.302	2.330
SRCPARAM	VOL5	0.05677	5.000	9.302	2.330
SRCPARAM	VOL6	0.05677	5.000	9.302	2.330
SRCPARAM	VOL7	0.05677	5.000	9.302	2.330
SRCPARAM	VOL8	0.05677	5.000	9.302	2.330
SRCPARAM	VOL9	0.05677	5.000	9.302	2.330
SRCPARAM	VOL10	0.05677	5.000	9.302	2.330
SRCPARAM	VOL11	0.05677	5.000	9.302	2.330
SRCPARAM	VOL12	0.05677	5.000	9.302	2.330
SRCPARAM	VOL13	0.05677	5.000	9.302	2.330
SRCPARAM	VOL14	0.05677	5.000	9.302	2.330
SRCPARAM	VOL15	0.05677	5.000	9.302	2.330
SRCPARAM	VOL16	0.05677	5.000	9.302	2.330
SRCPARAM	VOL17	0.0634825201	5.000	9.300	2.330
SRCPARAM	VOL18	0.06348	5.000	9.300	2.330
SRCPARAM	VOL19	0.06348	5.000	9.300	2.330
SRCPARAM	VOL20	0.06348	5.000	9.300	2.330
SRCPARAM	VOL21	0.06348	5.000	9.300	2.330
SRCPARAM	VOL22	0.06348	5.000	9.300	2.330
SRCPARAM	VOL23	0.06348	5.000	9.300	2.330
SRCPARAM	VOL24	0.06348	5.000	9.300	2.330
SRCPARAM	VOL25	0.06348	5.000	9.300	2.330
SRCPARAM	VOL26	0.06348	5.000	9.300	2.330
SRCPARAM	VOL27	0.06348	5.000	9.300	2.330
SRCPARAM	VOL28	0.06348	5.000	9.300	2.330
SRCPARAM	VOL29	0.06348	5.000	9.300	2.330
SRCPARAM	VOL30	0.06348	5.000	9.300	2.330
SRCPARAM	VOL31	0.06348	5.000	9.300	2.330
SRCPARAM	VOL32	0.06348	5.000	9.300	2.330
URBANSRC ALL					

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT	VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT	VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT	VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	1.0

CO

CO

[illegible]

CO

[illegible]

CO

[illegible]

[illegible]

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[illegible]

CONCUNIT 873.2 G/S PPM

SRCGROUP	Unmit	VOL1	VOL2	VOL3	VOL4	VOL5	VOL6	VOL7	VOL8	VOL9	VOL10

SRCGROUP	Unmit	VOL11	VOL12	VOL13	VOL14	VOL15	VOL16

SRCGROUP	Mitigate	VOL17	VOL18	VOL19	VOL20	VOL21	VOL22	VOL23	VOL24	VOL25

SRCGROUP Mitigate VOL26 VOL27 VOL28 VOL29 VOL30 VOL31 VOL32

S0 FINISHED

CO

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED CO.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE ..\KFUL_V9_ADJU\KFUL_v9.SFC

PROFFILE ..\KFUL_V9_ADJU\KFUL_v9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 8 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 Unmit 1ST CO.AD\01H1G001.PLT 31

PLOTFILE 8 Unmit 1ST CO.AD\08H1G001.PLT 32

PLOTFILE 1 Mitigate 1ST CO.AD\01H1G002.PLT 33

PLOTFILE 8 Mitigate 1ST CO.AD\08H1G002.PLT 34

SUMMFILE CO.sum

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

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

A Total of 0 Fatal Error Message(s)

A Total of 2 Warning Message(s)

A Total of 0 Informational Message(s)

CO

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

***** WARNING MESSAGES *****
ME W186 837 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 837 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 32 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010759.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

CO

****Other Options Specified:**

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

****Model Accepts FLAGPOLE Receptor Heights.**

****The User Specified a Pollutant Type of: CO**

****Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR**

****This Run Includes: 32 Source(s); 2 Source Group(s); and 30 Receptor(s)**

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 32 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

****The AERMET Input Meteorological Data Version Date: 16216**

****Output Options Selected:**

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

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

****Misc. Inputs:** Base Elev. for Pot. Temp. Profile (m MSL) = 29.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = G/S ;
Emission Rate Unit Factor = 873.20
Output Units = PPM

****Approximate Storage Requirements of Model = 3.6 MB of RAM.**

CO

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: CO.err

**File for Summary of Results: CO.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(USER UNITS)	X	Y	(METERS)	(METERS)	(METERS)
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
VOL1		0	0.56768E-01	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL2		0	0.56770E-01	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL3		0	0.56770E-01	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL4		0	0.56770E-01	410875.4	3752537.6	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL5		0	0.56770E-01	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL6		0	0.56770E-01	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL7		0	0.56770E-01	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL8		0	0.56770E-01	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL9		0	0.56770E-01	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						

CO								
VOL10		0	0.56770E-01	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL11		0	0.56770E-01	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL12		0	0.56770E-01	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL13		0	0.56770E-01	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL14		0	0.56770E-01	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL15		0	0.56770E-01	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL16		0	0.56770E-01	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL17		0	0.63483E-01	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL18		0	0.63480E-01	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL19		0	0.63480E-01	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL20		0	0.63480E-01	410875.4	3752537.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL21		0	0.63480E-01	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL22		0	0.63480E-01	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL23		0	0.63480E-01	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL24		0	0.63480E-01	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL25		0	0.63480E-01	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL26		0	0.63480E-01	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL27		0	0.63480E-01	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL28		0	0.63480E-01	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL29		0	0.63480E-01	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL30		0	0.63480E-01	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL31		0	0.63480E-01	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL32		0	0.63480E-01	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID		SOURCE IDs	
-----		-----	
UNMIT	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,		
VOL6	, VOL7 , VOL8 ,		
	VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,		
VOL14	, VOL15 , VOL16 ,		
MITIGATE	VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,		
VOL22	, VOL23 , VOL24 ,		
	VOL25 , VOL26 , VOL27 , VOL28 , VOL29 ,		
VOL30	, VOL31 , VOL32 ,		
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs	
-----	-----	-----	
	3010759.	VOL1 , VOL2 , VOL3 , VOL4 ,	
VOL5	, VOL6 ,	, VOL7 ,	
VOL8	,		
	VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,		
VOL14	, VOL15 , VOL16 ,		

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VOL22 VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
, VOL23 , VOL24 ,
VOL25 , VOL26 , VOL27 , VOL28 , VOL29 ,
VOL30 , VOL31 , VOL32 ,
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

CO

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
 *** 08/19/19

*** AERMET - VERSION 16216 *** ***
 *** 13:56:40

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

CO

OF WEEK (HRDOW7) *

```
SOURCE ID = VOL3          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR
HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  -----
- - - - -
                                DAY OF WEEK = MONDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
```

CO
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
 *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 13:56:40

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

CO

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 08/19/19

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CO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

```
SOURCE ID = VOL6          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6    6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14   14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22   22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6    6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14   14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22   22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6    6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14   14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22   22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6    6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14   14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22   22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6    6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14   14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22   22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6    6 .0000E+00    7 .0000E+00    8 .1000E+01
```


CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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 *** 08/19/19

*** AERMET - VERSION 16216 ***
 *** 13:56:40

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

CO

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

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14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
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*** AERMET - VERSION 16216 *** ***
08/19/19

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 *** 08/19/19
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
 - - - - -

DAY OF WEEK = MONDAY

[illegible]

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

SOURCE ID = VOL12		; SOURCE TYPE = VOLUME		:							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

										DAY OF WEEK = FRIDAY										
1		.0000E+00		2		.0000E+00		3		.0000E+00		4		.0000E+00		5		.0000E+00		
6	.0000E+00		7		.0000E+00		8		.1000E+01											
9		.1000E+01		10		.1000E+01		11		.1000E+01		12		.1000E+01		13		.1000E+01		

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 13:56:40

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDAY

CO

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL14		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

CO

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- - - - -
- - - - -
DAY OF WEEK = MONDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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CO

14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									

CO

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00					

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

CO

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SUNDAY									

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

CO

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL20				; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = MONDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = TUESDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = WEDNESDY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = THURSDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = FRIDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						

CO
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00


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22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
      1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
      9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
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*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

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

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01 15 .1000E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** 08/19/19

*** AERMET - VERSION 16216 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 *** 08/19/19

*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

CO

22 .0000E+00 23 .0000E+00 24 .0000E+00
 *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
 *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 13:56:40

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

DAY OF WEEK = THURSDAY

DAY OF WEEK = FRIDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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  *** AERMOD - VERSION 18081 ***      *** C:\Lakes\AERMOD View\RanchoLH\C0\C0.isc
                                     ***      08/19/19

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

CO		CO		CO	
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01
10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01
10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01
10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01
10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01
10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.1000E+01	9	.1000E+01
10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00
4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00

CO

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

(410724.9, 3752429.7, 121.0, 121.0, 2.0);	(410722.6, 3752452.5, 121.0, 121.0, 2.0);
(410711.9, 3752475.9, 121.0, 121.0, 2.0);	(410710.4, 3752498.2, 121.0, 121.0, 2.0);
(410705.8, 3752524.8, 121.0, 121.0, 2.0);	(410703.5, 3752546.5, 121.0, 121.0, 2.0);
(410735.3, 3752406.2, 121.0, 121.0, 2.0);	(410901.5, 3752573.4, 121.0, 121.0, 2.0);
(410894.6, 3752595.6, 121.0, 121.0, 2.0);	(410912.6, 3752549.9, 121.0, 121.0, 2.0);
(410914.6, 3752525.1, 121.0, 121.0, 2.0);	(410918.6, 3752502.5, 121.0, 121.0, 2.0);
(410922.4, 3752477.1, 121.0, 121.0, 2.0);	(410925.8, 3752450.2, 121.0, 121.0, 2.0);
(410918.6, 3752427.6, 121.0, 121.0, 2.0);	(410917.2, 3752427.6, 121.0, 121.0, 2.0);

CO
*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\KFUL_V9_ADJU\KFUL_v9.SFC
Met Version: 16216
Profile file: ..\KFUL_V9_ADJU\KFUL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	
1.00		0.96	322.		10.1	283.8	2.0							
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	
1.00		0.52	13.		10.1	283.1	2.0							
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	
1.00		0.75	73.		10.1	282.0	2.0							
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	
1.00		0.91	98.		10.1	281.4	2.0							
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	
1.00		0.00	0.		10.1	280.9	2.0							
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	
1.00		0.55	80.		10.1	280.4	2.0							
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	

CO

1.00	0.69	201.	10.1	280.4	2.0								
12 01 01	1 08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61			
0.54	0.52	72.	10.1	280.9	2.0								
12 01 01	1 09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61			
0.31	0.00	0.	10.1	285.9	2.0								
12 01 01	1 10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61			
0.24	0.79	268.	10.1	289.9	2.0								
12 01 01	1 11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61			
0.21	0.70	273.	10.1	294.2	2.0								
12 01 01	1 12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61			
0.20	0.74	230.	10.1	297.5	2.0								
12 01 01	1 13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61			
0.20	1.20	227.	10.1	300.4	2.0								
12 01 01	1 14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61			
0.21	1.47	233.	10.1	300.9	2.0								
12 01 01	1 15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61			
0.25	1.20	233.	10.1	302.0	2.0								
12 01 01	1 16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61			
0.33	1.91	229.	10.1	298.1	2.0								
12 01 01	1 17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61			
0.60	1.37	212.	10.1	294.2	2.0								
12 01 01	1 18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61			
1.00	0.91	190.	10.1	292.0	2.0								
12 01 01	1 19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61			
1.00	0.70	302.	10.1	289.2	2.0								
12 01 01	1 20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61			
1.00	0.87	338.	10.1	288.1	2.0								
12 01 01	1 21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61			
1.00	1.11	304.	10.1	287.0	2.0								
12 01 01	1 22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61			
1.00	0.75	76.	10.1	285.4	2.0								
12 01 01	1 23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61			
1.00	0.62	306.	10.1	284.9	2.0								
12 01 01	1 24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61			
1.00	0.82	318.	10.1	283.8	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

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*** AERMET - VERSION 16216 *** ***
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CO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10
, VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF CO IN PPM

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
410724.89	3752429.67	0.16093	(12020808)	410722.58
3752452.51	0.16945	(14032208)		
410711.88	3752475.93	0.14014	(14032208)	410710.44
3752498.19	0.13536	(14032208)		
410705.81	3752524.79	0.11722	(12100908)	410703.50
3752546.48	0.10431	(13032208)		
410735.30	3752406.25	0.16129	(12020808)	410901.55
3752573.36	0.13434	(14120315)		
410894.61	3752595.63	0.09862	(14120315)	410912.63
3752549.86	0.14202	(13120715)		
410914.56	3752525.08	0.15329	(12020808)	410918.60
3752502.53	0.15318	(12020808)		
410922.36	3752477.09	0.14646	(12020808)	410925.83
3752450.20	0.13347	(12020808)		
410918.60	3752427.65	0.14082	(12020808)	410917.16
3752402.78	0.11554	(12020808)		
410740.97	3752387.19	0.12366	(12020808)	410750.07
3752367.03	0.09602	(12020808)		
410761.62	3752342.70	0.07319	(12020808)	410759.41
3752326.97	0.06292	(16122708)		
410787.67	3752328.94	0.06715	(12020808)	410805.12
3752327.22	0.06763	(12020808)		
410826.50	3752327.46	0.06835	(12020808)	410847.64
3752331.64	0.07042	(12020808)		
410868.04	3752333.85	0.06868	(12020808)	410888.93
3752338.03	0.06619	(12020808)		
410901.46	3752347.62	0.06890	(12020808)	410902.44
3752366.54	0.08646	(12020808)		

CO
 410910.06 3752382.76 0.09941 (12020808) 410886.63
 3752618.16 0.07858 (13122115)
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 *** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: MITIGATE ***
 INCLUDING SOURCE(S): VOL17 , VOL18
 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26
 , VOL27 , VOL28 , VOL29 ,
 VOL30 , VOL31 , VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF CO		IN PPM	
**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)

410724.89	3752429.67	0.17994	(12020808)
3752452.51	0.18947	(14032208)	410722.58
410711.88	3752475.93	0.15671	(14032208)
3752498.19	0.15136	(14032208)	410710.44
410705.81	3752524.79	0.13108	(12100908)
3752546.48	0.11665	(13032208)	410703.50
410735.30	3752406.25	0.18033	(12020808)
3752573.36	0.15022	(14120315)	410901.55
410894.61	3752595.63	0.11028	(14120315)
3752549.86	0.15880	(13120715)	410912.63
410914.56	3752525.08	0.17140	(12020808)
3752502.53	0.17128	(12020808)	410918.60
410922.36	3752477.09	0.16377	(12020808)
3752450.20	0.14925	(12020808)	410925.83
410918.60	3752427.65	0.15746	(12020808)
3752402.78	0.12919	(12020808)	410917.16
410740.97	3752387.19	0.13827	(12020808)
3752367.03	0.10736	(12020808)	410750.07
410761.62	3752342.70	0.08183	(12020808)
3752326.97	0.07036	(16122708)	410759.41

CO

410787.67	3752328.94	0.07508	(12020808)	410805.12
3752327.22	0.07562	(12020808)		
410826.50	3752327.46	0.07643	(12020808)	410847.64
3752331.64	0.07874	(12020808)		
410868.04	3752333.85	0.07680	(12020808)	410888.93
3752338.03	0.07402	(12020808)		
410901.46	3752347.62	0.07704	(12020808)	410902.44
3752366.54	0.09668	(12020808)		
410910.06	3752382.76	0.11116	(12020808)	410886.63
3752618.16	0.08787	(13122115)		

^ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: UNMIT ***
 INCLUDING SOURCE(S): VOL1 , VOL2
 , VOL3 , VOL4 , VOL5 ,
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10
 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF CO IN PPM

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
410724.89	3752429.67	0.07718b	(12122916)	410722.58
3752452.51	0.07751	(14121616)		
410711.88	3752475.93	0.06289	(14121616)	410710.44
3752498.19	0.05899	(14121616)		
410705.81	3752524.79	0.04807	(14121616)	410703.50
3752546.48	0.03965b	(13121916)		
410735.30	3752406.25	0.08106b	(12122916)	410901.55
3752573.36	0.06904	(12042316)		
410894.61	3752595.63	0.05556	(12042316)	410912.63
3752549.86	0.07515	(14111216)		
410914.56	3752525.08	0.07490	(14111216)	410918.60
3752502.53	0.07006	(15101616)		

CO

410922.36	3752477.09	0.06495 (15101616)	410925.83
3752450.20	0.05582 (15101616)		
410918.60	3752427.65	0.05522 (15122516)	410917.16
3752402.78	0.04829 (15122516)		
410740.97	3752387.19	0.05174b (12122916)	410750.07
3752367.03	0.03139b (12122916)		
410761.62	3752342.70	0.02227 (16122716)	410759.41
3752326.97	0.01794 (16122716)		
410787.67	3752328.94	0.01910m (13121016)	410805.12
3752327.22	0.01944m (13121016)		
410826.50	3752327.46	0.01958m (13121016)	410847.64
3752331.64	0.01983m (13121016)		
410868.04	3752333.85	0.01862 (15012116)	410888.93
3752338.03	0.01963 (15012116)		
410901.46	3752347.62	0.02160 (15012116)	410902.44
3752366.54	0.02844 (15012116)		
410910.06	3752382.76	0.03636 (15121416)	410886.63
3752618.16	0.04241 (13041316)		

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: MITIGATE ***

INCLUDING SOURCE(S): VOL17 , VOL18

, VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26

, VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF CO IN PPM

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
410724.89	3752429.67	0.08630b (12122916)	410722.58
3752452.51	0.08667 (14121616)		
410711.88	3752475.93	0.07032 (14121616)	410710.44
3752498.19	0.06597 (14121616)		

		CO		
410705.81	3752524.79	0.05376	(14121616)	410703.50
3752546.48	0.04434b (13121916)			
410735.30	3752406.25	0.09063b	(12122916)	410901.55
3752573.36	0.07720 (12042316)			
410894.61	3752595.63	0.06212	(12042316)	410912.63
3752549.86	0.08403 (14111216)			
410914.56	3752525.08	0.08375	(14111216)	410918.60
3752502.53	0.07834 (15101616)			
410922.36	3752477.09	0.07263	(15101616)	410925.83
3752450.20	0.06242 (15101616)			
410918.60	3752427.65	0.06175	(15122516)	410917.16
3752402.78	0.05400 (15122516)			
410740.97	3752387.19	0.05785b	(12122916)	410750.07
3752367.03	0.03510b (12122916)			
410761.62	3752342.70	0.02490	(16122716)	410759.41
3752326.97	0.02006 (16122716)			
410787.67	3752328.94	0.02135m	(13121016)	410805.12
3752327.22	0.02173m (13121016)			
410826.50	3752327.46	0.02190m	(13121016)	410847.64
3752331.64	0.02217m (13121016)			
410868.04	3752333.85	0.02082	(15012116)	410888.93
3752338.03	0.02194 (15012116)			
410901.46	3752347.62	0.02415	(15012116)	410902.44
3752366.54	0.03180 (15012116)			
410910.06	3752382.76	0.04066	(15121416)	410886.63
3752618.16	0.04743 (13041316)			

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

		** CONC OF CO		IN PPM	
				DATE	
GROUP ID	NETWORK	AVERAGE CONC			RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID			(YYMMDDHH)	
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

CO
UNMIT HIGH 1ST HIGH VALUE IS 0.16945 ON 14032208: AT (410722.58,
3752452.51, 121.00, 121.00, 2.00) DC

MITIGATE HIGH 1ST HIGH VALUE IS 0.18947 ON 14032208: AT (410722.58,
3752452.51, 121.00, 121.00, 2.00) DC

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

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR

RESULTS ***

** CONC OF CO IN PPM

**

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

UNMIT HIGH 1ST HIGH VALUE IS 0.08106b ON 12122916: AT (410735.30,
3752406.25, 121.00, 121.00, 2.00) DC

MITIGATE HIGH 1ST HIGH VALUE IS 0.09063b ON 12122916: AT (410735.30,
3752406.25, 121.00, 121.00, 2.00) DC

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

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\CO\CO.isc
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 837 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 837 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 8/19/2019
** File: C:\Lakes\AERMOD View\RanchoLH\N02\N02.ADI
**

**
**

** AERMOD Control Pathway

CO

**

**

CO STARTING

TITLEONE C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc

MODELOPT CONC ARM2 ALPHA

AVERTIME 1

URBANOPT 3010232

POLLUTID N02

FLAGPOLE 2.00

RUNORNOT RUN

** NO2 Conversion Options

ARMRATIO 0.500 0.900

ERRORFIL N02.err

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

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

LOCATION VOL1	VOLUME	410761.082	3752538.457	121.000
** DESCRSRC Unmitigated				
LOCATION VOL2	VOLUME	410802.525	3752537.197	121.000
** DESCRSRC Unmitigated				
LOCATION VOL3	VOLUME	410843.655	3752537.012	121.000
** DESCRSRC Unmitigated				
LOCATION VOL4	VOLUME	410875.364	3752537.552	121.000
** DESCRSRC Unmitigated				
LOCATION VOL5	VOLUME	410760.522	3752497.359	121.000
** DESCRSRC Unmitigated				
LOCATION VOL6	VOLUME	410801.900	3752496.805	121.000
** DESCRSRC Unmitigated				
LOCATION VOL7	VOLUME	410842.542	3752496.771	121.000
** DESCRSRC Unmitigated				
LOCATION VOL8	VOLUME	410875.994	3752496.413	121.000
** DESCRSRC Unmitigated				
LOCATION VOL9	VOLUME	410761.076	3752455.817	121.000
** DESCRSRC Unmitigated				
LOCATION VOL10	VOLUME	410760.676	3752423.407	121.000
** DESCRSRC Unmitigated				
LOCATION VOL11	VOLUME	410801.088	3752423.007	121.000
** DESCRSRC Unmitigated				
LOCATION VOL12	VOLUME	410842.700	3752423.007	121.000
** DESCRSRC Unmitigated				
LOCATION VOL13	VOLUME	410875.110	3752423.807	121.000

CO

** DESCRSRC Unmitigated					
LOCATION VOL14	VOLUME	410802.209	3752455.908	121.000	
** DESCRSRC Unmitigated					
LOCATION VOL15	VOLUME	410841.650	3752456.843	121.000	
** DESCRSRC Unmitigated					
LOCATION VOL16	VOLUME	410875.504	3752455.517	121.000	
** DESCRSRC Unmitigated					
LOCATION VOL17	VOLUME	410761.080	3752538.460	121.000	
** DESCRSRC Mitigated					
LOCATION VOL18	VOLUME	410802.520	3752537.200	121.000	
** DESCRSRC Mitigated					
LOCATION VOL19	VOLUME	410843.660	3752537.010	121.000	
** DESCRSRC Mitigated					
LOCATION VOL20	VOLUME	410875.360	3752537.550	121.000	
** DESCRSRC Mitigated					
LOCATION VOL21	VOLUME	410760.520	3752497.360	121.000	
** DESCRSRC Mitigated					
LOCATION VOL22	VOLUME	410801.900	3752496.800	121.000	
** DESCRSRC Mitigated					
LOCATION VOL23	VOLUME	410842.540	3752496.770	121.000	
** DESCRSRC Mitigated					
LOCATION VOL24	VOLUME	410875.990	3752496.410	121.000	
** DESCRSRC Mitigated					
LOCATION VOL25	VOLUME	410761.080	3752455.820	121.000	
** DESCRSRC Mitigated					
LOCATION VOL26	VOLUME	410802.210	3752455.910	121.000	
** DESCRSRC Mitigated					
LOCATION VOL27	VOLUME	410841.650	3752456.840	121.000	
** DESCRSRC Mitigated					
LOCATION VOL28	VOLUME	410875.500	3752455.520	121.000	
** DESCRSRC Mitigated					
LOCATION VOL29	VOLUME	410760.680	3752423.410	121.000	
** DESCRSRC Mitigated					
LOCATION VOL30	VOLUME	410801.090	3752423.010	121.000	
** DESCRSRC Mitigated					
LOCATION VOL31	VOLUME	410842.700	3752423.010	121.000	
** DESCRSRC Mitigated					
LOCATION VOL32	VOLUME	410875.110	3752423.810	121.000	
** DESCRSRC Mitigated					
** Source Parameters **					
SRCPARAM VOL1		0.1046603915	5.000	9.302	2.330
SRCPARAM VOL2		0.1047	5.000	9.302	2.330
SRCPARAM VOL3		0.1047	5.000	9.302	2.330
SRCPARAM VOL4		0.1047	5.000	9.302	2.330
SRCPARAM VOL5		0.1047	5.000	9.302	2.330
SRCPARAM VOL6		0.1047	5.000	9.302	2.330
SRCPARAM VOL7		0.1047	5.000	9.302	2.330
SRCPARAM VOL8		0.1047	5.000	9.302	2.330

		CO		
SRCPARAM VOL9	0.1047	5.000	9.302	2.330
SRCPARAM VOL10	0.1047	5.000	9.302	2.330
SRCPARAM VOL11	0.1047	5.000	9.302	2.330
SRCPARAM VOL12	0.1047	5.000	9.302	2.330
SRCPARAM VOL13	0.1047	5.000	9.302	2.330
SRCPARAM VOL14	0.1047	5.000	9.302	2.330
SRCPARAM VOL15	0.1047	5.000	9.302	2.330
SRCPARAM VOL16	0.1047	5.000	9.302	2.330
SRCPARAM VOL17	0.0501271228	5.000	9.300	2.330
SRCPARAM VOL18	0.05013	5.000	9.300	2.330
SRCPARAM VOL19	0.05013	5.000	9.300	2.330
SRCPARAM VOL20	0.05013	5.000	9.300	2.330
SRCPARAM VOL21	0.05013	5.000	9.300	2.330
SRCPARAM VOL22	0.05013	5.000	9.300	2.330
SRCPARAM VOL23	0.05013	5.000	9.300	2.330
SRCPARAM VOL24	0.05013	5.000	9.300	2.330
SRCPARAM VOL25	0.05013	5.000	9.300	2.330
SRCPARAM VOL26	0.05013	5.000	9.300	2.330
SRCPARAM VOL27	0.05013	5.000	9.300	2.330
SRCPARAM VOL28	0.05013	5.000	9.300	2.330
SRCPARAM VOL29	0.05013	5.000	9.300	2.330
SRCPARAM VOL30	0.05013	5.000	9.300	2.330
SRCPARAM VOL31	0.05013	5.000	9.300	2.330
SRCPARAM VOL32	0.05013	5.000	9.300	2.330
URBANSRC ALL				

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CO

[illegible]

CO

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CO

**

ME STARTING

SURFFILE ..\KFUL_V9_ADJU\KFUL_v9.SFC

PROFFILE ..\KFUL_V9_ADJU\KFUL_v9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 Unmit 1ST NO2.AD\01H1G001.PLT 31

PLOTFILE 1 Mitigate 1ST NO2.AD\01H1G002.PLT 32

SUMMFILE NO2.sum

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

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

A Total of	0 Fatal Error Message(s)
A Total of	3 Warning Message(s)
A Total of	0 Informational Message(s)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

SO W299 817 SRCQA: SRCGROUP ALL is missing, but is NOT required for
ARM2 Option

ME W186 839 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50

ME W187 839 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

CO

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc
*** 08/19/19
*** AERMET - VERSION 16216 *** ***
*** 13:52:07

PAGE 1
*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 32 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.

CO

Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

****Model Calculates 1 Short Term Average(s) of: 1-HR**

****This Run Includes: 32 Source(s); 2 Source Group(s); and 30 Receptor(s)**

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 32 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

****The AERMET Input Meteorological Data Version Date: 16216**

****Output Options Selected:**

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

****Misc. Inputs:** Base Elev. for Pot. Temp. Profile (m MSL) = 29.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = G/S ;
Emission Rate Unit Factor = 531.50
Output Units = PPM

****Approximate Storage Requirements of Model = 3.6 MB of RAM.**

CO
**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: N02.err

**File for Summary of Results: N02.sum

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

VOL1		0	0.10466E+00	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL2		0	0.10470E+00	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL3		0	0.10470E+00	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL4		0	0.10470E+00	410875.4	3752537.6	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL5		0	0.10470E+00	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL6		0	0.10470E+00	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL7		0	0.10470E+00	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL8		0	0.10470E+00	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL9		0	0.10470E+00	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL10		0	0.10470E+00	410760.7	3752423.4	121.0	5.00	9.30

CO

2.33	YES	HRDOW7						
VOL11		0	0.10470E+00	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL12		0	0.10470E+00	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL13		0	0.10470E+00	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL14		0	0.10470E+00	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL15		0	0.10470E+00	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL16		0	0.10470E+00	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL17		0	0.50127E-01	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL18		0	0.50130E-01	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL19		0	0.50130E-01	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL20		0	0.50130E-01	410875.4	3752537.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL21		0	0.50130E-01	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL22		0	0.50130E-01	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL23		0	0.50130E-01	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL24		0	0.50130E-01	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL25		0	0.50130E-01	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL26		0	0.50130E-01	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL27		0	0.50130E-01	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL28		0	0.50130E-01	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL29		0	0.50130E-01	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL30		0	0.50130E-01	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL31		0	0.50130E-01	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL32		0	0.50130E-01	410875.1	3752423.8	121.0	5.00	9.30

2.33 YES HRDOW7
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
UNMIT VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,	
VOL14 VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , , VOL15 , VOL16 ,	
MITIGATE VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,	
VOL30 VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , , VOL31 , VOL32 ,	
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
VOL5 3010232. VOL1 , VOL2 , VOL3 , VOL4 , VOL8 , VOL6 , VOL7 ,		
VOL14 VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , , VOL15 , VOL16 ,		
VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,		

VOL22 , VOL23 , VOL24 , CO
 VOL25 , VOL26 , VOL27 , VOL28 , VOL29 ,
 VOL30 , VOL31 , VOL32 ,
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 *** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*
 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL1		; SOURCE TYPE = VOLUME									
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = TUESDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = WEDNESDY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = THURSDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						

CO

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL2		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO

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SOURCE ID = VOL3          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR
HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
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CO

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

DAY OF WEEK = FRIDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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*** MODELOPTs:  NonDEFAULT  CONC  ELEV  FLGPOL  ARM2  ALPHA  URBAN  ADJ  U*
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SOURCE ID = VOL5				; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = TUESDAY

CO

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

CO

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

```
SOURCE ID = VOL6          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
```

CO

14	.1000E+01	15	.1000E+01	16	.0000E+00		
	17 .0000E+00		18 .0000E+00		19 .0000E+00	20	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL7		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

CO

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL8		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00					

CO

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY

CO

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				

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 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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*** AERMOD - VERSION 18081 ***      *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc
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 *** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00

CO

17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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08/19/19

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME ;
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

CO

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- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .0000E+00
      9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
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CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc

 *** AERMET - VERSION 16216 *** ***

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 *** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*
 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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  *** AERMOD - VERSION 18081 ***      *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc
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*** MODELOPTs:  NonDEFAULT  CONC  ELEV  FLGPOL  ARM2  ALPHA  URBAN  ADJ  U*
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SOURCE ID = VOL16				; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = MONDAY

DAY OF WEEK = TUESDAY

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CO

22	.0000E+00	23	.0000E+00	24	.0000E+00		
DAY OF WEEK = WEDNESDY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 18081 ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR		SCALAR		HOUR		SCALAR		HOUR		SCALAR		HOUR		SCALAR	
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
CO															
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

CO

6	.0000E+00	7	.0000E+00	8	.0000E+00		
	9 .0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00		
	17 .0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00		

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 *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL18		; SOURCE TYPE = VOLUME		:			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR		

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

CO

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 13:52:07

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

CO

OF WEEK (HRDOW7) *

```
SOURCE ID = VOL20          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR
HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  -----
- - - - -
                                DAY OF WEEK = MONDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
    1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
    17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
```


CO
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

CO

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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CO

*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

```
SOURCE ID = VOL23          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
      9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01
14 .1000E+01  15 .1000E+01  16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
      9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01
14 .1000E+01  15 .1000E+01  16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
      9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01
14 .1000E+01  15 .1000E+01  16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
      9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01
14 .1000E+01  15 .1000E+01  16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
      9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01
14 .1000E+01  15 .1000E+01  16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
```

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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 *** 08/19/19

*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

CO

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

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                                CO
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
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*** AERMET - VERSION 16216 *** ***

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

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

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DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

DAY OF WEEK = THURSDAY

DAY OF WEEK = FRIDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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DAY OF WEEK = MONDAY


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***                                ***      08/19/19
*** AERMET - VERSION 16216 ***      ***
***                                ***      13:52:07

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :											
HOUR		SCALAR		HOUR		SCALAR		HOUR		SCALAR	
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

										DAY OF WEEK = FRIDAY										
1		.0000E+00		2		.0000E+00		3		.0000E+00		4		.0000E+00		5		.0000E+00		
6	.0000E+00		7		.0000E+00		8		.1000E+01											
9		.1000E+01		10		.1000E+01		11		.1000E+01		12		.1000E+01		13		.1000E+01		

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 13:52:07

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

CO

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 18081 *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc
 *** 08/19/19
 *** AERMET - VERSION 16216 ***
 *** 13:52:07

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL31		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

CO

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- - - - -
- - - - -
DAY OF WEEK = MONDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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CO
 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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 *** 13:52:07

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY

CO

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

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

(410724.9, 3752429.7, 121.0, 121.0, 2.0);	(410722.6, 3752452.5, 121.0, 121.0, 2.0);
(410711.9, 3752475.9, 121.0, 121.0, 2.0);	(410710.4, 3752498.2, 121.0, 121.0, 2.0);
(410705.8, 3752524.8, 121.0, 121.0, 2.0);	(410703.5, 3752546.5, 121.0, 121.0, 2.0);
(410735.3, 3752406.2, 121.0, 121.0, 2.0);	(410901.5, 3752573.4, 121.0, 121.0, 2.0);
(410894.6, 3752595.6, 121.0, 121.0, 2.0);	(410912.6, 3752549.9, 121.0, 121.0, 2.0);
(410914.6, 3752525.1, 121.0, 121.0, 2.0);	(410918.6, 3752502.5, 121.0, 121.0, 2.0);
(410922.4, 3752477.1, 121.0, 121.0, 2.0);	(410925.8, 3752450.2, 121.0, 121.0, 2.0);
(410918.6, 3752427.6, 121.0, 121.0, 2.0);	(410917.2, 3752402.8, 121.0, 121.0, 2.0);

C0

CATEGORIES ***

(METERS/SEC)

10.80, 1.54, 3.09, 5.14, 8.23,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\KFUL_V9_ADJU\KFUL_v9.SFC

Met Version: 16216

Profile file: ..\KFUL_V9_ADJU\KFUL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166
Name: UNKNOWN

Upper air station no.: 3190
Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	
1.00	0.96	322.	10.1	283.8	2.0									
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	
1.00	0.52	13.	10.1	283.1	2.0									
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	
1.00	0.75	73.	10.1	282.0	2.0									
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	
1.00	0.91	98.	10.1	281.4	2.0									
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	
1.00	0.00	0.	10.1	280.9	2.0									
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	
1.00	0.55	80.	10.1	280.4	2.0									
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	
1.00	0.69	201.	10.1	280.4	2.0									

CO													
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61
0.54	0.52	72.	10.1	280.9	2.0								
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61
0.31	0.00	0.	10.1	285.9	2.0								
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61
0.24	0.79	268.	10.1	289.9	2.0								
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61
0.21	0.70	273.	10.1	294.2	2.0								
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61
0.20	0.74	230.	10.1	297.5	2.0								
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61
0.20	1.20	227.	10.1	300.4	2.0								
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61
0.21	1.47	233.	10.1	300.9	2.0								
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61
0.25	1.20	233.	10.1	302.0	2.0								
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61
0.33	1.91	229.	10.1	298.1	2.0								
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61
0.60	1.37	212.	10.1	294.2	2.0								
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61
1.00	0.91	190.	10.1	292.0	2.0								
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61
1.00	0.70	302.	10.1	289.2	2.0								
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61
1.00	0.87	338.	10.1	288.1	2.0								
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61
1.00	1.11	304.	10.1	287.0	2.0								
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61
1.00	0.75	76.	10.1	285.4	2.0								
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61
1.00	0.62	306.	10.1	284.9	2.0								
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61
1.00	0.82	318.	10.1	283.8	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

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***                                ***
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***                                ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

CO

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: UNMIT ***

INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10
, VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF NO2 IN PPM

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
410724.89	3752429.67	0.15959	410722.58
3752452.51	0.16508		
410711.88	3752475.93	0.13406	410710.44
3752498.19	0.12831		
410705.81	3752524.79	0.11063	410703.50
3752546.48	0.09686		
410735.30	3752406.25	0.16014	410901.55
3752573.36	0.12278		
410894.61	3752595.63	0.09683	410912.63
3752549.86	0.13392		
410914.56	3752525.08	0.15197	410918.60
3752502.53	0.15185		
410922.36	3752477.09	0.14518	410925.83
3752450.20	0.13230		
410918.60	3752427.65	0.13960	410917.16
3752402.78	0.11452		
410740.97	3752387.19	0.12259	410750.07
3752367.03	0.09516		
410761.62	3752342.70	0.07273	410759.41
3752326.97	0.06049		
410787.67	3752328.94	0.06654	410805.12
3752327.22	0.06702		
410826.50	3752327.46	0.06773	410847.64
3752331.64	0.06979		
410868.04	3752333.85	0.06806	410888.93
3752338.03	0.06560		
410901.46	3752347.62	0.06828	410902.44
3752366.54	0.08569		
410910.06	3752382.76	0.09853	410886.63

C0

3752618.16 0.07511

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: MITIGATE ***

INCLUDING SOURCE(S): VOL17 , VOL18
, VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26
, VOL27 , VOL28 , VOL29 ,
VOL30 , VOL31 , VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF NO2 IN PPM

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
410724.89	3752429.67	0.07641	410722.58
3752452.51	0.07904		
410711.88	3752475.93	0.06419	410710.44
3752498.19	0.06144		
410705.81	3752524.79	0.05297	410703.50
3752546.48	0.04638		
410735.30	3752406.25	0.07667	410901.55
3752573.36	0.05879		
410894.61	3752595.63	0.04636	410912.63
3752549.86	0.06412		
410914.56	3752525.08	0.07276	410918.60
3752502.53	0.07270		
410922.36	3752477.09	0.06951	410925.83
3752450.20	0.06335		
410918.60	3752427.65	0.06684	410917.16
3752402.78	0.05483		
410740.97	3752387.19	0.05869	410750.07
3752367.03	0.04556		
410761.62	3752342.70	0.03482	410759.41
3752326.97	0.02896		
410787.67	3752328.94	0.03186	410805.12

CO

3752327.22	0.03209		
410826.50	3752327.46	0.03243	410847.64
3752331.64	0.03341		
410868.04	3752333.85	0.03259	410888.93
3752338.03	0.03141		
410901.46	3752347.62	0.03269	410902.44
3752366.54	0.04103		
410910.06	3752382.76	0.04718	410886.63
3752618.16	0.03597		

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR
 RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN PPM
 **

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

UNMIT	1ST HIGHEST VALUE IS		0.16508 AT (	410722.58, 3752452.51,
121.00,	121.00, 2.00) DC			
	2ND HIGHEST VALUE IS		0.16014 AT (	410735.30, 3752406.25,
121.00,	121.00, 2.00) DC			
	3RD HIGHEST VALUE IS		0.15959 AT (	410724.89, 3752429.67,
121.00,	121.00, 2.00) DC			
	4TH HIGHEST VALUE IS		0.15197 AT (	410914.56, 3752525.08,
121.00,	121.00, 2.00) DC			
	5TH HIGHEST VALUE IS		0.15185 AT (	410918.60, 3752502.53,
121.00,	121.00, 2.00) DC			
	6TH HIGHEST VALUE IS		0.14518 AT (	410922.36, 3752477.09,
121.00,	121.00, 2.00) DC			
	7TH HIGHEST VALUE IS		0.13960 AT (	410918.60, 3752427.65,
121.00,	121.00, 2.00) DC			
	8TH HIGHEST VALUE IS		0.13406 AT (	410711.88, 3752475.93,
121.00,	121.00, 2.00) DC			
	9TH HIGHEST VALUE IS		0.13392 AT (	410912.63, 3752549.86,

		CO	
121.00,	121.00, 2.00) DC		
	10TH HIGHEST VALUE IS	0.13230 AT (	410925.83, 3752450.20,
121.00,	121.00, 2.00) DC		
MITIGATE	1ST HIGHEST VALUE IS	0.07904 AT (	410722.58, 3752452.51,
121.00,	121.00, 2.00) DC		
	2ND HIGHEST VALUE IS	0.07667 AT (	410735.30, 3752406.25,
121.00,	121.00, 2.00) DC		
	3RD HIGHEST VALUE IS	0.07641 AT (	410724.89, 3752429.67,
121.00,	121.00, 2.00) DC		
	4TH HIGHEST VALUE IS	0.07276 AT (	410914.56, 3752525.08,
121.00,	121.00, 2.00) DC		
	5TH HIGHEST VALUE IS	0.07270 AT (	410918.60, 3752502.53,
121.00,	121.00, 2.00) DC		
	6TH HIGHEST VALUE IS	0.06951 AT (	410922.36, 3752477.09,
121.00,	121.00, 2.00) DC		
	7TH HIGHEST VALUE IS	0.06684 AT (	410918.60, 3752427.65,
121.00,	121.00, 2.00) DC		
	8TH HIGHEST VALUE IS	0.06419 AT (	410711.88, 3752475.93,
121.00,	121.00, 2.00) DC		
	9TH HIGHEST VALUE IS	0.06412 AT (	410912.63, 3752549.86,
121.00,	121.00, 2.00) DC		
	10TH HIGHEST VALUE IS	0.06335 AT (	410925.83, 3752450.20,
121.00,	121.00, 2.00) DC		

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

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\RanchoLH\N02\N02.isc
*** 08/19/19
*** AERMET - VERSION 16216 *** ***
*** 13:52:07

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL ARM2 ALPHA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 2285 Informational Message(s)
A Total of 43848 Hours Were Processed

CO

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

SO W299 817 SRCQA: SRCGROUP ALL is missing, but is NOT required for
ARM2 Option

ME W186 839 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50

ME W187 839 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 9.7.0

** Lakes Environmental Software Inc.

** Date: 8/19/2019

** File: C:\Lakes\AERMOD View\RanchoLH\PM10\PM10.ADI

**

**

**

** AERMOD Control Pathway

**

**

CO STARTING

 TITLEONE C:\Lakes\AERMOD View\RanchoLH\PM10\PM10.isc

 MODELOPT DFAULT CONC

 AVERTIME 24

 URBANOPT 3010759

 POLLUTID PM_10

 FLAGPOLE 2.00

 RUNORNOT RUN

 ERRORFIL PM10.err

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

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

LOCATION AREA1	AREA	410740.473	3752403.780	121.000
** DESCRSRC Unmitigated				
LOCATION AREA2	AREA	410740.473	3752403.780	121.000
** DESCRSRC Mitigated				
LOCATION VOL1	VOLUME	410761.082	3752538.457	121.000
** DESCRSRC Unmitigated				
LOCATION VOL2	VOLUME	410802.525	3752537.197	121.000
** DESCRSRC Unmitigated				
LOCATION VOL3	VOLUME	410843.655	3752537.012	121.000
** DESCRSRC Unmitigated				
LOCATION VOL4	VOLUME	410875.364	3752537.552	121.000
** DESCRSRC Unmitigated				
LOCATION VOL5	VOLUME	410760.522	3752497.359	121.000
** DESCRSRC Unmitigated				
LOCATION VOL6	VOLUME	410801.900	3752496.805	121.000
** DESCRSRC Unmitigated				
LOCATION VOL7	VOLUME	410842.542	3752496.771	121.000
** DESCRSRC Unmitigated				
LOCATION VOL8	VOLUME	410875.994	3752496.413	121.000
** DESCRSRC Unmitigated				
LOCATION VOL9	VOLUME	410761.076	3752455.817	121.000
** DESCRSRC Unmitigated				
LOCATION VOL10	VOLUME	410760.676	3752423.407	121.000
** DESCRSRC Unmitigated				
LOCATION VOL11	VOLUME	410801.088	3752423.007	121.000
** DESCRSRC Unmitigated				
LOCATION VOL12	VOLUME	410842.700	3752423.007	121.000
** DESCRSRC Unmitigated				
LOCATION VOL13	VOLUME	410875.110	3752423.807	121.000
** DESCRSRC Unmitigated				
LOCATION VOL14	VOLUME	410802.209	3752455.908	121.000
** DESCRSRC Unmitigated				
LOCATION VOL15	VOLUME	410841.650	3752456.843	121.000
** DESCRSRC Unmitigated				
LOCATION VOL16	VOLUME	410875.504	3752455.517	121.000
** DESCRSRC Unmitigated				
LOCATION VOL17	VOLUME	410761.080	3752538.460	121.000
** DESCRSRC Mitigated				
LOCATION VOL18	VOLUME	410802.520	3752537.200	121.000
** DESCRSRC Mitigated				

			CO			
	LOCATION VOL19	VOLUME	410843.660	3752537.010	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL20	VOLUME	410875.360	3752537.550	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL21	VOLUME	410760.520	3752497.360	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL22	VOLUME	410801.900	3752496.800	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL23	VOLUME	410842.540	3752496.770	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL24	VOLUME	410875.990	3752496.410	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL25	VOLUME	410761.080	3752455.820	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL26	VOLUME	410802.210	3752455.910	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL27	VOLUME	410841.650	3752456.840	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL28	VOLUME	410875.500	3752455.520	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL29	VOLUME	410760.680	3752423.410	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL30	VOLUME	410801.090	3752423.010	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL31	VOLUME	410842.700	3752423.010	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL32	VOLUME	410875.110	3752423.810	121.000	
**	DESCRSRC Mitigated					
**	Source Parameters **					
	SRCPARAM AREA1	8.0408E-06	0.000	155.824	155.824	0.000
1.000						
	SRCPARAM AREA2	2.0906E-06	0.000	155.824	155.824	0.000
1.000						
	SRCPARAM VOL1	0.0039887149	5.000	9.302	2.330	
	SRCPARAM VOL2	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL3	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL4	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL5	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL6	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL7	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL8	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL9	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL10	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL11	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL12	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL13	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL14	0.004733	5.000	9.302	2.330	
	SRCPARAM VOL15	0.004733	5.000	9.302	2.330	

		CO		
SRCPARAM VOL16	0.004733	5.000	9.302	2.330
SRCPARAM VOL17	0.0017914379	5.000	9.300	2.330
SRCPARAM VOL18	0.001791	5.000	9.300	2.330
SRCPARAM VOL19	0.001791	5.000	9.300	2.330
SRCPARAM VOL20	0.001791	5.000	9.300	2.330
SRCPARAM VOL21	0.001791	5.000	9.300	2.330
SRCPARAM VOL22	0.001791	5.000	9.300	2.330
SRCPARAM VOL23	0.001791	5.000	9.300	2.330
SRCPARAM VOL24	0.001791	5.000	9.300	2.330
SRCPARAM VOL25	0.001791	5.000	9.300	2.330
SRCPARAM VOL26	0.001791	5.000	9.300	2.330
SRCPARAM VOL27	0.001791	5.000	9.300	2.330
SRCPARAM VOL28	0.001791	5.000	9.300	2.330
SRCPARAM VOL29	0.001791	5.000	9.300	2.330
SRCPARAM VOL30	0.001791	5.000	9.300	2.330
SRCPARAM VOL31	0.001791	5.000	9.300	2.330
SRCPARAM VOL32	0.001791	5.000	9.300	2.330
URBANSRC ALL				

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CO

[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

CO

[illegible]

[illegible]

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                                CO
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP Unmit      AREA1 VOL1 VOL2 VOL3 VOL4 VOL5 VOL6 VOL7 VOL8 VOL9
SRCGROUP Unmit      VOL10 VOL11 VOL12 VOL13 VOL14 VOL15 VOL16
SRCGROUP Mitigate VOL17 VOL18 VOL19 VOL20 VOL21 VOL22 VOL23 VOL24 VOL25
SRCGROUP Mitigate VOL26 VOL27 VOL28 VOL29 VOL30 VOL31 VOL32 AREA2
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED PM10.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\KFUL_V9_ADJU\KFUL_v9.SFC
  PROFFILE ..\KFUL_V9_ADJU\KFUL_v9.PFL
  SURFDATA 3166 2012
  UAIRDATA 3190 2012
  PROFBASE 29.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**

```

CO

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 Unmit 1ST PM10.AD\24H1G001.PLT 31
PLOTFILE 24 Mitigate 1ST PM10.AD\24H1G002.PLT 32
SUMMFILE PM10.sum
OU FINISHED

*** Message Summary For AERMOD Model Setup ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
ME W186 884 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 884 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM10\PM10.isc *** 08/19/19
*** AERMET - VERSION 16216 *** ***
 *** 14:04:30

PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

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

CO

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 34 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 3010759.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

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

**This Run Includes: 34 Source(s); 2 Source Group(s); and 30
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 32 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)

CO
Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 29.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: PM10.err

**File for Summary of Results: PM10.sum

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM10\PM10.isc *** 08/19/19
*** AERMET - VERSION 16216 ***
*** 14:04:30

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

CO								
VOL1		0	0.39887E-02	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL2		0	0.47330E-02	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL3		0	0.47330E-02	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL4		0	0.47330E-02	410875.4	3752537.6	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL5		0	0.47330E-02	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL6		0	0.47330E-02	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL7		0	0.47330E-02	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL8		0	0.47330E-02	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL9		0	0.47330E-02	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL10		0	0.47330E-02	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL11		0	0.47330E-02	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL12		0	0.47330E-02	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL13		0	0.47330E-02	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL14		0	0.47330E-02	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL15		0	0.47330E-02	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL16		0	0.47330E-02	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL17		0	0.17914E-02	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL18		0	0.17910E-02	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL19		0	0.17910E-02	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL20		0	0.17910E-02	410875.4	3752537.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL21		0	0.17910E-02	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL22		0	0.17910E-02	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL23		0	0.17910E-02	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL24		0	0.17910E-02	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						

CO								
VOL25		0	0.17910E-02	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL26		0	0.17910E-02	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL27		0	0.17910E-02	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL28		0	0.17910E-02	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL29		0	0.17910E-02	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL30		0	0.17910E-02	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL31		0	0.17910E-02	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL32		0	0.17910E-02	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREA SOURCE DATA ***

Y-DIM	ORIENT.	NUMBER	EMISSION	COORD (SW CORNER)	BASE	RELEASE	X-DIM
SOURCE	PART.	INIT.	URBAN	EMISSION			
OF AREA	OF AREA	SZ	SOURCE	SCALAR	ELEV.	HEIGHT	OF AREA
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(DEG.)	(METERS)	BY				
AREA1	0	0.80408E-05	410740.5	3752403.8	121.0	0.00	155.82
155.82	0.00	1.00	YES	HRDOW7			
AREA2	0	0.20906E-05	410740.5	3752403.8	121.0	0.00	155.82
155.82	0.00	1.00	YES	HRDOW7			

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

C0

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
UNMIT VOL5	AREA1 , VOL6
	, VOL1 , VOL7
	, VOL2 ,
	, VOL3 ,
	, VOL4 ,
VOL13	VOL8 , VOL14
	, VOL9 , VOL15
	, VOL10 ,
	, VOL11 ,
	, VOL12 ,
	VOL16 ,
MITIGATE VOL21	AREA2 , VOL22
	, VOL17 , VOL23
	, VOL18 ,
	, VOL19 ,
	, VOL20 ,
VOL29	VOL24 , VOL30
	, VOL25 , VOL31
	, VOL26 ,
	, VOL27 ,
	, VOL28 ,
	VOL32 ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	3010759.	AREA1
VOL3	, VOL4	, AREA2
VOL6	,	, VOL1
		, VOL2
		,
	VOL7	, VOL8
VOL12	, VOL13	, VOL9
	, VOL14	, VOL10
		, VOL11
		,
	VOL15	, VOL16
VOL20	, VOL21	, VOL17
	, VOL22	, VOL18
		, VOL19
		,

CO

VOL23 , VOL24 , VOL25 , VOL26 , VOL27 ,
VOL28 , VOL29 , VOL30 ,

VOL31 , VOL32 ,
▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
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*** AERMET - VERSION 16216 *** ***
*** 14:04:30

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = AREA1 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

CO

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01 15 .1000E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01 15 .1000E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = AREA2 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01 15 .1000E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

CO

OF WEEK (HRDOW7) *

```

SOURCE ID = VOL1          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR
HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  -----
- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

```

CO
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 View\RanchoLH\PM10\PM10.isc *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 14:04:30

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

CO

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL4				; SOURCE TYPE = VOLUME							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = TUESDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = WEDNESDY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = THURSDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = FRIDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						

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 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

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DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL6				; SOURCE TYPE = VOLUME					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

- - - - -
- - - - -

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

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14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

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DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
 - - - - -

DAY OF WEEK = MONDAY

[illegible]

CO
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 View\RanchoLH\PM10\PM10.isc *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 14:04:30

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDAY

CO

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL12		; SOURCE TYPE = VOLUME	:		
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

CO

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- - - - -
- - - - -
DAY OF WEEK = MONDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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CO
 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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 View\RanchoLH\PM10\PM10.isc *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 14:04:30

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY

CO

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00					

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

CO

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

CO

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL16		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

CO

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL18				; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = MONDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = TUESDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = WEDNESDY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = THURSDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = FRIDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

DAY OF WEEK = FRIDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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DAY OF WEEK = MONDAY

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CO

22	.0000E+00	23	.0000E+00	24	.0000E+00		
DAY OF WEEK = TUESDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL22		; SOURCE TYPE = VOLUME		:							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

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

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

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

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

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00

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

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

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 *** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

CO

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

CO
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

DAY OF WEEK = THURSDAY

DAY OF WEEK = FRIDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

		CO							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				

CO

9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL30		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

CO

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL31		; SOURCE TYPE = VOLUME			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 18081 *** C:\Lakes\AERMOD

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

CO

```
SOURCE ID = VOL32          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
```

CO

DAY OF WEEK = SUNDAY

```
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
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▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD

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08/19/19

*** AERMET - VERSION 16216 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
( 410724.9, 3752429.7, 121.0, 121.0, 2.0); ( 410722.6,
3752452.5, 121.0, 121.0, 2.0);
( 410711.9, 3752475.9, 121.0, 121.0, 2.0); ( 410710.4,
3752498.2, 121.0, 121.0, 2.0);
( 410705.8, 3752524.8, 121.0, 121.0, 2.0); ( 410703.5,
3752546.5, 121.0, 121.0, 2.0);
( 410735.3, 3752406.2, 121.0, 121.0, 2.0); ( 410901.5,
3752573.4, 121.0, 121.0, 2.0);
( 410894.6, 3752595.6, 121.0, 121.0, 2.0); ( 410912.6,
3752549.9, 121.0, 121.0, 2.0);
( 410914.6, 3752525.1, 121.0, 121.0, 2.0); ( 410918.6,
3752502.5, 121.0, 121.0, 2.0);
( 410922.4, 3752477.1, 121.0, 121.0, 2.0); ( 410925.8,
3752450.2, 121.0, 121.0, 2.0);
( 410918.6, 3752427.6, 121.0, 121.0, 2.0); ( 410917.2,
3752402.8, 121.0, 121.0, 2.0);
( 410741.0, 3752387.2, 121.0, 121.0, 2.0); ( 410750.1,
3752367.0, 121.0, 121.0, 2.0);
( 410761.6, 3752342.7, 121.0, 121.0, 2.0); ( 410759.4,
3752327.0, 121.0, 121.0, 2.0);
( 410787.7, 3752328.9, 121.0, 121.0, 2.0); ( 410805.1,
3752327.2, 121.0, 121.0, 2.0);
( 410826.5, 3752327.5, 121.0, 121.0, 2.0); ( 410847.6,
3752331.6, 121.0, 121.0, 2.0);
( 410868.0, 3752333.8, 121.0, 121.0, 2.0); ( 410888.9,
3752338.0, 121.0, 121.0, 2.0);
( 410901.5, 3752347.6, 121.0, 121.0, 2.0); ( 410902.4,
3752366.5, 121.0, 121.0, 2.0);
( 410910.1, 3752382.8, 121.0, 121.0, 2.0); ( 410886.6,
```


CO
 3752618.2, 121.0, 121.0, 2.0);
 *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
 View\RanchoLH\PM10\PM10.isc *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 14:04:30

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR
 PROCESSING ***

(1=YES; 0=NO)

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

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

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

1.54, 3.09, 5.14, 8.23,
 10.80,
 *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
 View\RanchoLH\PM10\PM10.isc *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

DATA ***

Surface file: ..\KFUL_V9_ADJU\KFUL_v9.SFC

Met Version: 16216

Profile file: ..\KFUL_V9_ADJU\KFUL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166
 Name: UNKNOWN

Upper air station no.: 3190
 Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	
1.00	0.96	322.			10.1	283.8	2.0							
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	
1.00	0.52	13.			10.1	283.1	2.0							
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	
1.00	0.75	73.			10.1	282.0	2.0							
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	
1.00	0.91	98.			10.1	281.4	2.0							
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	
1.00	0.00	0.			10.1	280.9	2.0							
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	
1.00	0.55	80.			10.1	280.4	2.0							
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	
1.00	0.69	201.			10.1	280.4	2.0							
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	
0.54	0.52	72.			10.1	280.9	2.0							
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	
0.31	0.00	0.			10.1	285.9	2.0							
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	
0.24	0.79	268.			10.1	289.9	2.0							
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	
0.21	0.70	273.			10.1	294.2	2.0							
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	
0.20	0.74	230.			10.1	297.5	2.0							
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	
0.20	1.20	227.			10.1	300.4	2.0							
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	

CO

0.21	1.47	233.	10.1	300.9	2.0								
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61
0.25	1.20	233.	10.1	302.0	2.0								
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61
0.33	1.91	229.	10.1	298.1	2.0								
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61
0.60	1.37	212.	10.1	294.2	2.0								
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61
1.00	0.91	190.	10.1	292.0	2.0								
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61
1.00	0.70	302.	10.1	289.2	2.0								
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61
1.00	0.87	338.	10.1	288.1	2.0								
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61
1.00	1.11	304.	10.1	287.0	2.0								
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61
1.00	0.75	76.	10.1	285.4	2.0								
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61
1.00	0.62	306.	10.1	284.9	2.0								
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61
1.00	0.82	318.	10.1	283.8	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

^ *** AERMOD - VERSION 18081 *** C:\Lakes\AERMOD
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 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

INCLUDING SOURCE(S): AREA1 , VOL1
 , VOL2 , VOL3 , VOL4 ,
 VOL5 , VOL6 , VOL7 , VOL8 , VOL9
 , VOL10 , VOL11 , VOL12 ,
 VOL13 , VOL14 , VOL15 , VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

CO

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
410724.89	3752429.67	18.30260c	(14120524)	410722.58
3752452.51	18.57822c	(14120524)		
410711.88	3752475.93	14.80163c	(14120524)	410710.44
3752498.19	14.05313c	(14120524)		
410705.81	3752524.79	11.62534c	(14120524)	410703.50
3752546.48	9.22708c	(13122124)		
410735.30	3752406.25	18.11987c	(14120524)	410901.55
3752573.36	15.62904	(12021124)		
410894.61	3752595.63	10.97702	(12021324)	410912.63
3752549.86	15.25433	(12021124)		
410914.56	3752525.08	15.22944c	(14013124)	410918.60
3752502.53	14.58008c	(12112024)		
410922.36	3752477.09	14.90517c	(13121424)	410925.83
3752450.20	15.32120c	(13121424)		
410918.60	3752427.65	18.23812c	(13121424)	410917.16
3752402.78	16.96349c	(13121424)		
410740.97	3752387.19	11.33432	(16122724)	410750.07
3752367.03	8.50903	(16122724)		
410761.62	3752342.70	6.49625c	(13121124)	410759.41
3752326.97	5.68522c	(13121124)		
410787.67	3752328.94	5.86135c	(13121124)	410805.12
3752327.22	5.55835c	(13121124)		
410826.50	3752327.46	5.49843c	(14012124)	410847.64
3752331.64	6.33185c	(12011724)		
410868.04	3752333.85	6.87169c	(12011724)	410888.93
3752338.03	7.93419c	(14011524)		
410901.46	3752347.62	9.18449c	(14011524)	410902.44
3752366.54	11.96876c	(14011524)		
410910.06	3752382.76	14.39641c	(14011524)	410886.63
3752618.16	8.75151	(12021324)		

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

INCLUDING SOURCE(S): AREA2 , VOL17
, VOL18 , VOL19 , VOL20 ,

CO
VOL21 , VOL22 , VOL23 , VOL24 , VOL25
, VOL26 , VOL27 , VOL28 ,
VOL29 , VOL30 , VOL31 , VOL32 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
410724.89	3752429.67	5.01326c	(14120524)	410722.58
3752452.51	5.09181c	(14120524)		
410711.88	3752475.93	4.05187c	(14120524)	410710.44
3752498.19	3.84957c	(14120524)		
410705.81	3752524.79	3.18775c	(14120524)	410703.50
3752546.48	2.56896c	(13122124)		
410735.30	3752406.25	4.96684c	(14120524)	410901.55
3752573.36	4.33810	(12021124)		
410894.61	3752595.63	3.04266	(12021324)	410912.63
3752549.86	4.25611	(12021124)		
410914.56	3752525.08	4.19122c	(14013124)	410918.60
3752502.53	4.04397c	(12112024)		
410922.36	3752477.09	4.10417c	(13121424)	410925.83
3752450.20	4.20368c	(13121424)		
410918.60	3752427.65	4.98534c	(13121424)	410917.16
3752402.78	4.61067c	(13121424)		
410740.97	3752387.19	3.14634	(16122724)	410750.07
3752367.03	2.37110	(16122724)		
410761.62	3752342.70	1.77381c	(13121124)	410759.41
3752326.97	1.54561c	(13121124)		
410787.67	3752328.94	1.60123c	(13121124)	410805.12
3752327.22	1.52329c	(13121124)		
410826.50	3752327.46	1.50253c	(14012124)	410847.64
3752331.64	1.73091c	(12011724)		
410868.04	3752333.85	1.87685c	(14011524)	410888.93
3752338.03	2.16586c	(14011524)		
410901.46	3752347.62	2.50272c	(14011524)	410902.44
3752366.54	3.26361c	(14011524)		
410910.06	3752382.76	3.92621c	(14011524)	410886.63
3752618.16	2.42463	(12021324)		

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*** AERMET - VERSION 16216 ***

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CO

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

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

**

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

UNMIT HIGH 1ST HIGH VALUE IS 18.57822c ON 14120524: AT (410722.58,
3752452.51, 121.00, 121.00, 2.00) DC

MITIGATE HIGH 1ST HIGH VALUE IS 5.09181c ON 14120524: AT (410722.58,
3752452.51, 121.00, 121.00, 2.00) DC

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

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM10\PM10.isc *** 08/19/19
*** AERMET - VERSION 16216 *** ***
*** 14:04:30

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

CO

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 884 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 884 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

**

**

** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 8/19/2019
** File: C:\Lakes\AERMOD View\RanchoLH\PM25\PM25.ADI
**

**

**

** AERMOD Control Pathway

**

**

CO STARTING
TITLEONE C:\Lakes\AERMOD View\RanchoLH\PM25\PM25.isc
MODELOPT DFAULT CONC
AVERTIME 24
URBANOPT 3010759
POLLUTID PM_2.5
FLAGPOLE 2.00
RUNORNOT RUN
ERRORFIL PM25.err

CO FINISHED

**

** AERMOD Source Pathway

CO

**

**

SO STARTING

** Source Location **

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

LOCATION AREA1	AREA	410740.473	3752403.780	121.000
** DESCRSRC Unmitigated				
LOCATION AREA2	AREA	410740.473	3752403.780	121.000
** DESCRSRC Mitigated				
LOCATION VOL1	VOLUME	410761.082	3752538.457	121.000
** DESCRSRC Unmitigated				
LOCATION VOL2	VOLUME	410802.525	3752537.197	121.000
** DESCRSRC Unmitigated				
LOCATION VOL3	VOLUME	410843.655	3752537.012	121.000
** DESCRSRC Unmitigated				
LOCATION VOL4	VOLUME	410875.364	3752537.552	121.000
** DESCRSRC Unmitigated				
LOCATION VOL5	VOLUME	410760.522	3752497.359	121.000
** DESCRSRC Unmitigated				
LOCATION VOL6	VOLUME	410801.900	3752496.805	121.000
** DESCRSRC Unmitigated				
LOCATION VOL7	VOLUME	410842.542	3752496.771	121.000
** DESCRSRC Unmitigated				
LOCATION VOL8	VOLUME	410875.994	3752496.413	121.000
** DESCRSRC Unmitigated				
LOCATION VOL9	VOLUME	410761.076	3752455.817	121.000
** DESCRSRC Unmitigated				
LOCATION VOL10	VOLUME	410760.676	3752423.407	121.000
** DESCRSRC Unmitigated				
LOCATION VOL11	VOLUME	410801.088	3752423.007	121.000
** DESCRSRC Unmitigated				
LOCATION VOL12	VOLUME	410842.700	3752423.007	121.000
** DESCRSRC Unmitigated				
LOCATION VOL13	VOLUME	410875.110	3752423.807	121.000
** DESCRSRC Unmitigated				
LOCATION VOL14	VOLUME	410802.209	3752455.908	121.000
** DESCRSRC Unmitigated				
LOCATION VOL15	VOLUME	410841.650	3752456.843	121.000
** DESCRSRC Unmitigated				
LOCATION VOL16	VOLUME	410875.504	3752455.517	121.000
** DESCRSRC Unmitigated				
LOCATION VOL17	VOLUME	410761.080	3752538.460	121.000
** DESCRSRC Mitigated				
LOCATION VOL18	VOLUME	410802.520	3752537.200	121.000
** DESCRSRC Mitigated				
LOCATION VOL19	VOLUME	410843.660	3752537.010	121.000
** DESCRSRC Mitigated				

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	LOCATION VOL20	VOLUME	410875.360	3752537.550	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL21	VOLUME	410760.520	3752497.360	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL22	VOLUME	410801.900	3752496.800	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL23	VOLUME	410842.540	3752496.770	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL24	VOLUME	410875.990	3752496.410	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL25	VOLUME	410761.080	3752455.820	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL26	VOLUME	410802.210	3752455.910	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL27	VOLUME	410841.650	3752456.840	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL28	VOLUME	410875.500	3752455.520	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL29	VOLUME	410760.680	3752423.410	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL30	VOLUME	410801.090	3752423.010	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL31	VOLUME	410842.700	3752423.010	121.000	
**	DESCRSRC Mitigated					
	LOCATION VOL32	VOLUME	410875.110	3752423.810	121.000	
**	DESCRSRC Mitigated					
**	Source Parameters **					
	SRCPARAM AREA1	2.5939E-06	0.000	155.824	155.824	0.000
1.000						
	SRCPARAM AREA2	6.7439E-07	0.000	155.824	155.824	0.000
1.000						
	SRCPARAM VOL1	0.0036696883	5.000	9.302	2.330	
	SRCPARAM VOL2	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL3	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL4	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL5	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL6	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL7	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL8	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL9	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL10	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL11	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL12	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL13	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL14	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL15	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL16	0.00367	5.000	9.302	2.330	
	SRCPARAM VOL17	0.0016588881	5.000	9.300	2.330	

		CO			
SRCPARAM VOL18	0.001659	5.000	9.300	2.330	
SRCPARAM VOL19	0.001659	5.000	9.300	2.330	
SRCPARAM VOL20	0.001659	5.000	9.300	2.330	
SRCPARAM VOL21	0.001659	5.000	9.300	2.330	
SRCPARAM VOL22	0.001659	5.000	9.300	2.330	
SRCPARAM VOL23	0.001659	5.000	9.300	2.330	
SRCPARAM VOL24	0.001659	5.000	9.300	2.330	
SRCPARAM VOL25	0.001659	5.000	9.300	2.330	
SRCPARAM VOL26	0.001659	5.000	9.300	2.330	
SRCPARAM VOL27	0.001659	5.000	9.300	2.330	
SRCPARAM VOL28	0.001659	5.000	9.300	2.330	
SRCPARAM VOL29	0.001659	5.000	9.300	2.330	
SRCPARAM VOL30	0.001659	5.000	9.300	2.330	
SRCPARAM VOL31	0.001659	5.000	9.300	2.330	
SRCPARAM VOL32	0.001659	5.000	9.300	2.330	
URBANSRC ALL					

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT AREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT AREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
EMISFACT VOL1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0

CO

[illegible]

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                                CO
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT AREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT AREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP Unmit      AREA1 VOL1 VOL2 VOL3 VOL4 VOL5 VOL6 VOL7 VOL8 VOL9
SRCGROUP Unmit      VOL10 VOL11 VOL12 VOL13 VOL14 VOL15 VOL16
SRCGROUP Mitigate VOL17 VOL18 VOL19 VOL20 VOL21 VOL22 VOL23 VOL24 VOL25
SRCGROUP Mitigate VOL26 VOL27 VOL28 VOL29 VOL30 VOL31 VOL32 AREA2
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED PM25.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\KFUL_V9_ADJU\KFUL_v9.SFC
  PROFFILE ..\KFUL_V9_ADJU\KFUL_v9.PFL
  SURFDATA 3166 2012
  UAIRDATA 3190 2012
  PROFBASE 29.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST

```

CO

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 Unmit 1ST PM25.AD\24H1G001.PLT 31

PLOTFILE 24 Mitigate 1ST PM25.AD\24H1G002.PLT 32

SUMMFILE PM25.sum

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
ME W186 884 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 884 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM25\PM25.isc *** 08/19/19
*** AERMET - VERSION 16216 *** ***
 *** 14:07:57

 PAGE 1
*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

 *** MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.

CO

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 34 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 3010759.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_2.5

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

**This Run Includes: 34 Source(s); 2 Source Group(s); and 30
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 32 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)

CO

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 29.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: PM25.err

**File for Summary of Results: PM25.sum

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM25\PM25.isc *** 08/19/19
*** AERMET - VERSION 16216 ***
*** 14:07:57

PAGE 2
*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	SCALAR	VARY		X	Y	ELEV.	HEIGHT
ID		CATS.			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						
VOL1		0	0.36697E-02	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						

				CO				
VOL2		0	0.36700E-02	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL3		0	0.36700E-02	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL4		0	0.36700E-02	410875.4	3752537.6	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL5		0	0.36700E-02	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL6		0	0.36700E-02	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL7		0	0.36700E-02	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL8		0	0.36700E-02	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL9		0	0.36700E-02	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL10		0	0.36700E-02	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL11		0	0.36700E-02	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL12		0	0.36700E-02	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL13		0	0.36700E-02	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL14		0	0.36700E-02	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL15		0	0.36700E-02	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL16		0	0.36700E-02	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL17		0	0.16589E-02	410761.1	3752538.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL18		0	0.16590E-02	410802.5	3752537.2	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL19		0	0.16590E-02	410843.7	3752537.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL20		0	0.16590E-02	410875.4	3752537.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL21		0	0.16590E-02	410760.5	3752497.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL22		0	0.16590E-02	410801.9	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL23		0	0.16590E-02	410842.5	3752496.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL24		0	0.16590E-02	410876.0	3752496.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL25		0	0.16590E-02	410761.1	3752455.8	121.0	5.00	9.30
2.33	YES	HRDOW7						

CO								
VOL26		0	0.16590E-02	410802.2	3752455.9	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL27		0	0.16590E-02	410841.6	3752456.8	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL28		0	0.16590E-02	410875.5	3752455.5	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL29		0	0.16590E-02	410760.7	3752423.4	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL30		0	0.16590E-02	410801.1	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL31		0	0.16590E-02	410842.7	3752423.0	121.0	5.00	9.30
2.33	YES	HRDOW7						
VOL32		0	0.16590E-02	410875.1	3752423.8	121.0	5.00	9.30
2.33	YES	HRDOW7						

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREA SOURCE DATA ***

Y-DIM	ORIENT.	NUMBER INIT.	EMISSION RATE URBAN	COORD (SW CORNER)		BASE	RELEASE	X-DIM
SOURCE OF AREA ID (METERS)	OF AREA (DEG.)	PART. CATS. (METERS)	(GRAMS/SEC SOURCE /METER**2)	EMISSION RATE SCALAR (METERS) BY	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
OF AREA	OF AREA	SZ	SOURCE	SCALAR	VARY			OF AREA

AREA1		0	0.25939E-05	410740.5	3752403.8	121.0	0.00	155.82
155.82	0.00	1.00	YES	HRDOW7				
AREA2		0	0.67439E-06	410740.5	3752403.8	121.0	0.00	155.82
155.82	0.00	1.00	YES	HRDOW7				

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

C0

SRCGROUP ID

SOURCE IDs

UNMIT	AREA1	, VOL1	, VOL2	, VOL3	, VOL4	,
VOL5	, VOL6	, VOL7	,			
	VOL8	, VOL9	, VOL10	, VOL11	, VOL12	,
VOL13	, VOL14	, VOL15	,			
	VOL16	,				
MITIGATE	AREA2	, VOL17	, VOL18	, VOL19	, VOL20	,
VOL21	, VOL22	, VOL23	,			
	VOL24	, VOL25	, VOL26	, VOL27	, VOL28	,
VOL29	, VOL30	, VOL31	,			
	VOL32	,				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

VOL3	3010759.	AREA1	, AREA2	, VOL1	, VOL2	,
VOL6	, VOL4	, VOL5	,			
	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	,
VOL12	, VOL13	, VOL14	,			
	VOL15	, VOL16	, VOL17	, VOL18	, VOL19	,
VOL20	, VOL21	, VOL22	,			
	VOL23	, VOL24	, VOL25	, VOL26	, VOL27	,

VOL28 , VOL29 , VOL30 , CO
 VOL31 , VOL32 ,
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 *** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*
 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = AREA1		; SOURCE TYPE = AREA		:		:		:		:	
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = TUESDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = WEDNESDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = THURSDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00		
6	.0000E+00	7	.0000E+00	8	.1000E+01						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01		
14	.1000E+01	15	.1000E+01	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00		
22	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = FRIDAY											

CO

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = AREA2		; SOURCE TYPE = AREA		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00					

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDAY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

CO

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

CO

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL2		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				

CO
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

CO

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00

CO
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

CO

22	.0000E+00	23	.0000E+00	24	.0000E+00		
DAY OF WEEK = TUESDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL7		; SOURCE TYPE = VOLUME							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

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6	.0000E+00	7	.0000E+00	8	.1000E+01		
	9 .1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00		
	17 .0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL8				; SOURCE TYPE = VOLUME					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

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

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

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

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

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

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

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

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

CO

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

CO
 22 .0000E+00 23 .0000E+00 24 .0000E+00
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 *** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01

CO
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

CO

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

		CO							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				
DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				

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9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :									
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = MONDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL17		; SOURCE TYPE = VOLUME		:					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

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SOURCE ID = VOL18          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
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DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL19		; SOURCE TYPE = VOLUME							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

CO

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

```
SOURCE ID = VOL21          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
```

CO
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

DAY OF WEEK = THURSDAY

CO

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00					

CO									
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = TUESDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = WEDNESDY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = THURSDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = FRIDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY

CO

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.1000E+01					
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00					

CO
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM25\PM25.isc *** 08/19/19
*** AERMET - VERSION 16216 *** ***
*** 14:07:57

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

```

                                CO
6  .0000E+00    7  .0000E+00    8  .1000E+01
   9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14  .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = TUESDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
   9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14  .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = WEDNESDY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
   9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14  .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = THURSDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
   9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14  .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = FRIDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
   9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14  .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
   9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14  .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14  .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22  .0000E+00   23 .0000E+00   24 .0000E+00
^ *** AERMOD - VERSION 18081 ***      *** C:\Lakes\AERMOD

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View\RanchoLH\PM25\PM25.isc CO *** 08/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 14:07:57

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -
 - - - - -
 DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00
 DAY OF WEEK = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
 14 .1000E+01 15 .1000E+01 16 .0000E+00

CO
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
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 *** AERMET - VERSION 16216 *** ***
 *** 14:07:57

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
 OF WEEK (HRDOW7) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 18081 *** C:\Lakes\AERMOD
View\RanchoLH\PM25\PM25.isc *** 08/19/19
*** AERMET - VERSION 16216 ***
*** 14:07:57

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

CO

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- - - - -
                                DAY OF WEEK = MONDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = TUESDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = WEDNESDY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = THURSDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = FRIDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .1000E+01
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
      17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00
22 .0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00
6 .0000E+00    7 .0000E+00    8 .0000E+00
      9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
```

CO
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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08/19/19

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDAY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

CO

6	.0000E+00	7	.0000E+00	8	.1000E+01		
	9 .1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00		
	17 .0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 View\RanchoLH\PM25\PM25.isc *** 08/19/19
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = VOL31				; SOURCE TYPE = VOLUME					
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				
- - - - -									
- - - - -									

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

CO

22	.0000E+00	23	.0000E+00	24	.0000E+00		
DAY OF WEEK = WEDNESDY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00
5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :

HOUR		SCALAR		HOUR		SCALAR		HOUR		SCALAR		HOUR		SCALAR	
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
CO															
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

(410724.9, 3752429.7, 121.0, 121.0, 2.0);	(410722.6,
3752452.5, 121.0, 121.0, 2.0);	
(410711.9, 3752475.9, 121.0, 121.0, 2.0);	(410710.4,
3752498.2, 121.0, 121.0, 2.0);	
(410705.8, 3752524.8, 121.0, 121.0, 2.0);	(410703.5,
3752546.5, 121.0, 121.0, 2.0);	
(410735.3, 3752406.2, 121.0, 121.0, 2.0);	(410901.5,
3752573.4, 121.0, 121.0, 2.0);	
(410894.6, 3752595.6, 121.0, 121.0, 2.0);	(410912.6,
3752549.9, 121.0, 121.0, 2.0);	
(410914.6, 3752525.1, 121.0, 121.0, 2.0);	(410918.6,
3752502.5, 121.0, 121.0, 2.0);	
(410922.4, 3752477.1, 121.0, 121.0, 2.0);	(410925.8,
3752450.2, 121.0, 121.0, 2.0);	
(410918.6, 3752427.6, 121.0, 121.0, 2.0);	(410917.2,
3752402.8, 121.0, 121.0, 2.0);	
(410741.0, 3752387.2, 121.0, 121.0, 2.0);	(410750.1,
3752367.0, 121.0, 121.0, 2.0);	
(410761.6, 3752342.7, 121.0, 121.0, 2.0);	(410759.4,
3752327.0, 121.0, 121.0, 2.0);	
(410787.7, 3752328.9, 121.0, 121.0, 2.0);	(410805.1,
3752327.2, 121.0, 121.0, 2.0);	
(410826.5, 3752327.5, 121.0, 121.0, 2.0);	(410847.6,
3752331.6, 121.0, 121.0, 2.0);	
(410868.0, 3752333.8, 121.0, 121.0, 2.0);	(410888.9,
3752338.0, 121.0, 121.0, 2.0);	
(410901.5, 3752347.6, 121.0, 121.0, 2.0);	(410902.4,
3752366.5, 121.0, 121.0, 2.0);	
(410910.1, 3752382.8, 121.0, 121.0, 2.0);	(410886.6,
3752618.2, 121.0, 121.0, 2.0);	

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CO

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*** METEOROLOGICAL DAYS SELECTED FOR

(1=YES; 0=NO)

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

10.80,

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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

CO

Surface file: ..\KFUL_V9_ADJU\KFUL_v9.SFC

Met Version: 16216

Profile file: ..\KFUL_V9_ADJU\KFUL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	
1.00	0.96	322.		10.1	283.8	2.0								
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	
1.00	0.52	13.		10.1	283.1	2.0								
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	
1.00	0.75	73.		10.1	282.0	2.0								
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	
1.00	0.91	98.		10.1	281.4	2.0								
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	
1.00	0.00	0.		10.1	280.9	2.0								
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	
1.00	0.55	80.		10.1	280.4	2.0								
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	
1.00	0.69	201.		10.1	280.4	2.0								
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	
0.54	0.52	72.		10.1	280.9	2.0								
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	
0.31	0.00	0.		10.1	285.9	2.0								
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	
0.24	0.79	268.		10.1	289.9	2.0								
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	
0.21	0.70	273.		10.1	294.2	2.0								
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	
0.20	0.74	230.		10.1	297.5	2.0								
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	
0.20	1.20	227.		10.1	300.4	2.0								
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	
0.21	1.47	233.		10.1	300.9	2.0								
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	

CO

0.25	1.20	233.	10.1	302.0	2.0								
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61
0.33	1.91	229.	10.1	298.1	2.0								
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61
0.60	1.37	212.	10.1	294.2	2.0								
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61
1.00	0.91	190.	10.1	292.0	2.0								
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61
1.00	0.70	302.	10.1	289.2	2.0								
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61
1.00	0.87	338.	10.1	288.1	2.0								
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61
1.00	1.11	304.	10.1	287.0	2.0								
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61
1.00	0.75	76.	10.1	285.4	2.0								
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61
1.00	0.62	306.	10.1	284.9	2.0								
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61
1.00	0.82	318.	10.1	283.8	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: UNMIT ***
 INCLUDING SOURCE(S): AREA1 , VOL1
 , VOL2 , VOL3 , VOL4 ,
 VOL5 , VOL6 , VOL7 , VOL8 , VOL9
 , VOL10 , VOL11 , VOL12 ,
 VOL13 , VOL14 , VOL15 , VOL16 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_{2.5} IN MICROGRAMS/M³

**

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	CO (YYMMDDHH)	X-COORD (M)
3752452.51	410724.89	3752429.67	6.87165c	(14120524)	410722.58
3752498.19	410711.88	3752475.93	5.53862c	(14120524)	410710.44
3752546.48	410705.81	3752524.79	4.37588c	(13122124)	410703.50
3752573.36	410735.30	3752406.25	6.81888c	(14120524)	410901.55
3752549.86	410894.61	3752595.63	4.29559m	(16123124)	410912.63
3752502.53	410914.56	3752525.08	5.79461c	(14013124)	410918.60
3752326.97	410922.36	3752477.09	5.69181c	(12112024)	410925.83
3752331.64	410918.60	3752427.65	6.81061c	(13121424)	410917.16
3752367.03	410740.97	3752387.19	4.41426	(16122724)	410750.07
3752327.22	410761.62	3752342.70	2.43378	(16122724)	410759.41
3752338.03	410787.67	3752328.94	2.18438c	(13121124)	410805.12
3752366.54	410826.50	3752327.46	2.05110c	(14012124)	410847.64
3752618.16	410868.04	3752333.85	2.57904c	(14011524)	410888.93
	410901.46	3752347.62	3.39906c	(14011524)	410902.44
	410910.06	3752382.76	5.34122c	(14011524)	410886.63
		3.38918	(12021324)		

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

		INCLUDING SOURCE(S):		AREA2	, VOL17
, VOL18	, VOL19	, VOL20	,		
	VOL21	, VOL22	, VOL23	, VOL24	, VOL25
, VOL26	, VOL27	, VOL28	,		

VOL29 , VOL30 , VOL31 , VOL32 ,

CO

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_{2.5} IN MICROGRAMS/M³

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
410724.89	3752429.67	2.14432	(14121624)	410722.58
3752452.51	2.18681	(14121624)		
410711.88	3752475.93	1.77011	(14121624)	410710.44
3752498.19	1.64275	(14121624)		
410705.81	3752524.79	1.37662c	(13122124)	410703.50
3752546.48	1.12743c	(13122124)		
410735.30	3752406.25	2.10578b	(12122924)	410901.55
3752573.36	1.92467	(12021124)		
410894.61	3752595.63	1.48027m	(16123124)	410912.63
3752549.86	1.92909	(12021124)		
410914.56	3752525.08	1.89012c	(12120124)	410918.60
3752502.53	1.78902c	(12112024)		
410922.36	3752477.09	1.78580c	(12112024)	410925.83
3752450.20	1.77772c	(13121424)		
410918.60	3752427.65	2.07498c	(13121424)	410917.16
3752402.78	1.87111c	(13121424)		
410740.97	3752387.19	1.39612	(16122724)	410750.07
3752367.03	1.06853	(16122724)		
410761.62	3752342.70	0.78132	(16122724)	410759.41
3752326.97	0.64682	(16122724)		
410787.67	3752328.94	0.66414c	(13121124)	410805.12
3752327.22	0.64070c	(13121124)		
410826.50	3752327.46	0.62702c	(12011724)	410847.64
3752331.64	0.72025c	(12011724)		
410868.04	3752333.85	0.79239c	(14011524)	410888.93
3752338.03	0.89548c	(14011524)		
410901.46	3752347.62	1.02676c	(14011524)	410902.44
3752366.54	1.34325c	(14011524)		
410910.06	3752382.76	1.61736c	(14011524)	410886.63
3752618.16	1.16946m	(16123124)		

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
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*** AERMET - VERSION 16216 *** ***

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CO
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

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

UNMIT HIGH 1ST HIGH VALUE IS 6.98343c ON 14120524: AT (410722.58,
3752452.51, 121.00, 121.00, 2.00) DC

MITIGATE HIGH 1ST HIGH VALUE IS 2.18681 ON 14121624: AT (410722.58,
3752452.51, 121.00, 121.00, 2.00) DC

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

▲ *** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\RanchoLH\PM25\PM25.isc *** 08/19/19
*** AERMET - VERSION 16216 *** ***
*** 14:07:57

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

CO

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

***** WARNING MESSAGES *****
ME W186 884 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 884 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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