

## 1. Air Quality and Health Risk Significance Thresholds

---

### 1.1. Introduction

This study analyzes the potential air quality and greenhouse gas impacts of new construction associated with the proposed Development Permit/Conditional Use Permit application for a commercial retail site (project) in Huntington Park, Los Angeles County, California. The purpose of this study is to analyze the project's potential impact(s) related to both temporary construction activity and long-term operation of the project as it relates to new construction on the site as proposed by the applicant.

### 1.2. Project Summary

#### 1.2.1. Location and Setting

The project site is in in the City of Huntington Park on four contiguous parcels located at 2901 and 2909 East Slauson Avenue 5731 and 5795 Bickett Street. This site is at the northwest corner of Slauson Avenue and Bickett Street. The project site encompasses approximately 5.5 acres and is bordered to the north by industrial buildings and the City of Vernon beyond, to the south by Slauson Avenue and Huntington Park High School beyond, to the southwest by industrial and commercial uses, to the southeast by commercial use, to the east and northeast by Bickett Street and industrial uses beyond, and to the west by single-story industrial uses. The project site is currently occupied by two buildings that comprise an area of 36,723 square feet.

#### 1.2.2. Proposed Project

The proposed project consists of the following:

- Demolition (via a Demolition Permit) of 2 buildings (that together comprise an area of 36,723 square feet) existing on the Project site.
- Remodel/renovation of the one remaining building on the Project site for a new retail tenant. The renovation would involve new construction of 7,000 square feet, to make this building approximately 55,891 square feet in area. This building is one story in height, approximately 18 feet tall, and contains a tower than extends to a height of 30 feet.
- Development of two new retail/food pads for future single-story businesses that would occupy a total 8,050 square feet (4,950 square feet; 3,100 square feet). The new buildings will have parapets at 18-24 feet in height and tower elements extending to 28 feet in height.
- Development of 263 parking spaces.
- Development of four vehicular accesses (two each via Slauson Avenue and Bickett Street).

The project will require the use of heavy equipment for demolition and grading purposes. The project will have BMPs for erosion control during construction.

### 1.3. Regional Significance Thresholds

The SCAQMD has established regional significance thresholds for NO<sub>x</sub>, SO<sub>x</sub>, CO, VOC, PM<sub>10</sub>, PM<sub>2.5</sub>. Projects located within the South Coast Air Basin (SoCAB) with construction or operational-related emissions more than any of the thresholds presented in the following **Table 1, SCAQMD Regional Thresholds** would be considered significant.

---

<b>Table 1. SCAQMD Regional Thresholds</b>		
<b>Pollutant</b>	<b>Construction (lbs./day)</b>	<b>Operation (lbs./day)</b>
Oxides of Nitrogen (NOx)	100	55
Oxides of Sulfur (SOx)	150	150
Carbon Monoxide (CO)	550	550
Reactive Organic Gasses (VOC)	75	55
Particulate Matter (PM <sub>10</sub> )	150	150
Particulate Matter (PM <sub>2.5</sub> )	55	55

Source: South Coast Air Quality Management District, SCAQMD 2019

#### **1.4. Local Significance Thresholds (LSTs)**

Local Significance Thresholds (LSTs) have been developed by the SCAQMD, recognizing that criteria pollutants such as CO, NOx, and PM10 and PM2.5 can have local impacts as well as regional impacts. The evaluation of localized air quality impacts determines the potential of the Project to violate any air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. LSTs, defined separately for construction and operational activities, represent the maximum emissions or air concentrations 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 any nearby sensitive or worker receptor.

A sensitive receptor is defined by SCAQMD as any residence including private homes, condominiums, apartments, and living quarters, schools as defined under paragraph (b)(57), preschools, daycare centers and health facilities such as hospitals or retirement and nursing homes. Also included are long term care hospitals, hospices, prisons, and dormitories or similar live-in housing.

For projects of around 5 acres or less where emissions would occur, the SCAQMD has developed a series of look up tables that provide estimates of daily construction or operational emissions above which a project’s emissions are determined to have a significant air quality impact. These LSTs are provided for each combination of pollutants (CO, NO2, PM10, and PM2.5), Source-Receptor Area (SRA), size of the project emission area, and distance to the nearest sensitive receptor. The Central Los Angeles County SRA for this project is listed as number 1. The project size is generally represented as the maximum area disturbed during a day from which emissions are calculated, in this case about five acres.

##### **1.4.1. Construction**

For construction activities, the highest level of on-site emissions generally occurs during the mass grading activities. The California Emissions Estimator Model (CalEEMod) which is used to estimate emissions from various land use projects, identifies various kinds of equipment and the acreage disturbed in an 8-hour day. Based on the construction equipment inventory to be provided in **Table 6** below, a maximum area of about five (5) acres would be disturbed in a day. For purposes of this LST assessment of construction emissions, the emissions from the project’s roughly five (5) acres were compared to the LST emission significance thresholds for a 5-acre area in the SCAQMD lookup tables.

There are eleven sensitive receptors close to the project site as described in **Table 2, Location of Sensitive Receptors**.

<b>Receptor Address</b>	<b>Location Relative to Project<sup>1</sup></b>	<b>Type of Receptor</b>
6020 Miles Avenue	320 feet (~100 meters)	Public High School
6020 Miles Avenue	320 feet (~100 meters)	Continuation School
5911 Miles Avenue	620 feet (~188 meters)	Residential
2808 E 58 <sup>th</sup> Street	633 feet (~ 192 meters)	Residential
2945 Belgrave Avenue	740 feet (~225 meters)	Community Adult School
5922 Templeton Street	850 feet (~ 259 meters)	Residential
6010 Oak Street	925 feet (~ 281 meters)	Residential
2805 Belgrave Avenue	970 feet (~295 meters)	Place of Worship
2802 E 57 <sup>th</sup> Street	990 feet (~ 301 meters)	Residential
2729 E 58 <sup>th</sup> Street	1,148 feet (~349 meters)	Place of Worship
2750 E Slauson Avenue	1,190 feet (~362 meters)	Medical Facility

Note:  
<sup>1</sup> Relative straight-line distance from existing sensitive receptor structures to the nearest project property boundary.

Based on a review of the existing sensitive receptors, the closest is 320 feet (~100 meters) south of the project site.

The SCAQMD has issued guidance on applying CalEEMod to LSTs. The CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment. The project would result in a maximum of around five (5) acres disturbed during peak construction activity on any given day. The SCAQMD LST mass emission tables provide construction emission significance thresholds for a disturbed area of five (5) acres, and was used in the assessment.<sup>1</sup> This estimate is based on the construction equipment assumptions embedded in the CalEEMod defaults and represent a reasonable approximation of the expected construction fleet as required per CEQA guidelines. Site-specific construction fleet may vary, due to specific project needs at the time of construction.

Based on the project’s location, daily construction emission area, and distance (100 meters) to nearest sensitive receptor, the relevant construction significance thresholds for the project are summarized in **Table 3, SCAQMD Localized Significance Thresholds for Construction** below.

<b>Pollutant<sup>1</sup></b>	<b>Daily Emission Limit (lbs./day)<sup>2</sup></b>
NOx	165
CO	3030
PM <sub>10</sub>	69

<sup>1</sup> The values of the LSTs are proportional to the size of the disturbed area. The larger the disturbed area, the higher the value of the LST.

<b>Table 3. SCAQMD Localized Significance Thresholds for Construction</b>	
<b>Pollutant<sup>1</sup></b>	<b>Daily Emission Limit (lbs./day)<sup>2</sup></b>
PM <sub>2.5</sub>	18
Notes: <sup>1</sup> SCAQMD has defined LSTs only for these pollutants <sup>2</sup> LSTs defined for SRA 1, 5-acre disturbed area and a 100-meter distance to the nearest sensitive receptor Source: SCAQMD 2009	

#### 1.4.2. Operation

For project operations, the LST operational assessment was accomplished by comparison to the LST emission significance thresholds for a 5-acre area in the SCAQMD lookup tables. If the total air quality impact exceeds the values for the listed pollutants, then the project would be considered to have a significant air quality impact. **Table 4, SCAQMD Localized Significance Thresholds for Operations** below provides a summary of the project’s operational LSTs.

<b>Table 4. SCAQMD Localized Significance Thresholds for Operations</b>	
<b>Pollutant<sup>1</sup></b>	<b>Daily Emission Limit (lbs./day)<sup>2</sup></b>
NOx	165
CO	3030
PM <sub>10</sub>	17
PM <sub>2.5</sub>	5
Notes: <sup>1</sup> SCAQMD has defined LSTs only for these pollutants <sup>2</sup> LSTs defined for SRA 1, 5-acre disturbed area and a 100-meter distance to the nearest sensitive receptor Source: SCAQMD 2009	

The SCAQMD has also defined localized significance thresholds for sulfur dioxide, sulfate, and lead. The proposed project, however, is not expected to emit insignificant amounts of these pollutants.

#### **1.5. Health Risk Significance Thresholds**

In addition to the thresholds established above for pollutants, the SCAQMD has also defined health risk thresholds. These thresholds are represented as a cancer risk to the public and a non-cancer hazard from exposures to toxic air contaminant (TAC)s. Cancer risk represents the probability (in terms of risk per million individuals) that an individual would contract cancer resulting from exposure to TACs continuously over a period of 70 years for sensitive receptors. Thus, an individual located in an area with a cancer risk of one would experience a one chance out of a population of one million of contracting cancer over a 70-year time period, assuming that individual lives in that area continuously for the entire 70-year time period.

TACs can also cause chronic (long-term) related non-cancer illnesses such as reproductive effects, respiratory effects, eye sensitivity, immune effects, kidney effects, blood effects, central nervous system effects, birth defects, or other adverse environmental effects. Risk characterization for non- cancer health

---

hazards from TACs is expressed as a hazard index (HI). The HI is a ratio of the predicted concentration of the project's emissions to a concentration considered acceptable to public health professionals, termed the Reference Exposure Level (REL). The SCAQMD has established the following health risk thresholds.

#### 1.5.1. Project-Level Health Risk Significance Thresholds

The SCAQMD has established the following project-specific health risk significance thresholds (SCAQMD 2012):

- Maximum Incremental Cancer Risk:  $\geq 10$  in 1 million.
- Hazard Index (project increment)  $\geq 1.0$ .

A significant impact would occur if a project's impacts exceeded any of these thresholds.

#### 1.5.2. Cumulative Health Risk Significance Thresholds

The AQMD (SCAQMD 2003) uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for toxic air contaminant (TAC) emissions. The project specific (project increment) significance threshold is  $HI > 1.0$  while the cumulative (facility-wide) is  $HI > 3.0$ . It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts. Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant.

### **1.6. CO "Hotspot" Thresholds**

The largest contributor of CO emissions during project operations is typically from motor vehicles. A CO hotspot represents a condition wherein high concentrations of CO may be produced by motor vehicles accessing a congested traffic intersection under heavy traffic volume conditions. The CO hotspot thresholds are represented by the most restricted state or federal CO ambient air quality standards:

- 1-hour CO standard: 20 ppm; and
- 8-hour CO standard: 9 ppm.

If the CO contributed by the Project in combination with CO produced by non-project traffic exceeds the above standards, then the Project would have a significant impact.

---

## **2. Air Quality and Health Risk Modeling Parameters and Assumptions**

### **2.1. Model Selection**

Air pollutant emissions can be estimated by using emission factors and a level of activity. Emission factors represent the emission rate of a pollutant given the activity over time. The California Air Resources Board (CARB) has published emission factors for on-road mobile vehicles/trucks in the Emission Factors (EMFAC) mobile source emissions model (CARB 2014), and emission factors for off-road equipment and vehicles in the OFFROAD emissions model. An air emissions model (or calculator) combines the emission factors and the various levels of activity, and outputs the emissions for the various pieces of equipment.

---

Project emissions were estimated using CalEEMod version 2016.3.2 that was developed in cooperation with the SCAQMD and other air districts throughout the State. CalEEMod is designed as a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with construction and operation from a variety of land uses.

## 2.2. Construction

### 2.2.1. Emission Assumptions

Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and prevailing weather conditions. Construction emissions result from on-site and off-site activities. On-site emissions principally consist of exhaust emissions from the activity levels of heavy-duty construction equipment, motor vehicle operation, and fugitive dust (mainly PM<sub>10</sub>) from disturbed soil. Additionally, paving operations and application of architectural coatings would release ROG emissions. Off-site emissions are caused by motor vehicle exhaust from delivery vehicles, worker traffic, and road dust (PM<sub>10</sub> and PM<sub>2.5</sub>).

Construction equipment operating hours and numbers represent the average equipment activity over the phase. Most equipment is not expected to operate throughout the entire building construction phase; therefore, activity has been assumed to be evenly distributed over the entire phase in this analysis. Portions of the site would be paved to provide parking spaces. A conceptual construction schedule is provided in **Table 5, Conceptual Construction Schedule**.

The construction equipment list shown in **Table 6, Construction Equipment Assumptions** was derived from the default equipment assumptions contained in the CalEEMod model for commercial, general office building and default construction schedule. The activity for construction equipment is based on the horsepower and load factors of the equipment. In general, the horsepower is the power of an engine—the greater the horsepower, the greater the power. The load factor is the average power of a given piece of equipment while in operation compared with its maximum rated horsepower. A load factor of 1.0 indicates that a piece of equipment continually operates at its maximum operating capacity. This analysis uses the CalEEMod default load factors for off-road equipment.

<b>Construction Phase</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duration (days)</b>
Demolition	1/8/21	2/4/21	20
Site Preparation	1/8/21	1/12/21	3
Grading	2/15/21	2/22/21	6
Building Construction	2/21/21	12/24/22	220
Paving	12/29/21	1/11/22	10
Architectural Coating	12/29/21	1/11/22	10
Source: Site preparation schedule provided by the CalEEMod default estimate (see Appendix A)			

**Table 6. Construction Equipment Assumptions**

Activity	Equipment	Number	Usage Hours	Horsepower	Load Factor
Site Preparation	Graders	1	8	187	0.41
	Scrapers	1	8	367	0.48
	Tractors/Loaders/Backhoes	1	7	97	0.37
Demolition	Concrete Industrial Saws	1	8	81	0.73
	Rubber Tired Dozers	1	8	247	0.40
	Tractors/Loaders/Backhoes	3	8	97	0.37
Grading	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.40
	Tractors/Loaders/Backhoes	2	7	97	0.37
Construction	Cranes	1	8	231	0.29
	Forklifts	2	7	89	0.20
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	1	6	97	0.37
	Welders	3	8	46	0.45
Paving	Cement and Mortar Mixes	1	8	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	1	8	132	0.36
	Rollers	2	8	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48
<p>Note:            The equipment inventory for site preparation and paving construction activities were taken from the CalEEMod default equipment inventor. The equipment inventory for the grading, building construction, paving and architectural coating was derived from model defaults with equipment hours, horsepower, and load factors taken from the CalEEMod.            Source: CalEEMod, Appendix A.</p>					

**2.2.1.1. Equipment Tiers and Emission Factors**

Equipment tiers refer to a generation of emission standards established by the US EPA and ARB that apply to diesel engines in off-road equipment. The “tier” of an engine depends on the model year and horsepower rating; generally, the newer a piece of equipment is, the greater the tier it is likely to have. Excluding engines greater than 750 horsepower, Tier 1 engines were manufactured generally between 1996 and 2003. Tier 2 engines were manufactured between 2001 and 2007. Tier 3 engines were manufactured between 2006 and 2011. Tier 4 engines are the newest and some incorporate hybrid electric technology; they were manufactured after 2007 (SCAQMD 2011).

CalEEMod contains an inventory of construction equipment that incorporates estimates of the number of equipment, their age, their horsepower, and equipment tier from which rates of emissions are developed. The CalEEMod default tier mix was used in this analysis for the estimation of emissions from on-site construction equipment for the unmitigated scenario.

CalEEMod’s off-road emission factors are based on the equipment populations from the OFFROAD2011 model. For the unmitigated scenario, emission factors for the applicable year of each construction phase were used.

### 2.2.1.2. Fugitive Dust

SCAQMD Rule 403 requires fugitive dust generating activities follow best available control measures to reduce emissions of fugitive dust. These measures are accounted for in CalEEMod as “mitigation” because the model categorizes the measures as “mitigation,” even though they are technically not mitigation. The best available control measures and the associated measure in CalEEMod are displayed in **Table 7**.

<b>Table 7. Best Available Control Measures</b>	
<b>Best Available Control Measure<sup>1</sup></b>	<b>Associated Measure in CalEEMod<sup>2</sup></b>
<b>Clearing and Grubbing</b>	
02-1 Maintain stability of soil through pre-watering of site prior to clearing and grubbing.	Water exposed surfaces three times per day
02-2 Stabilize soil during clearing and grubbing activities.	
02-3 Stabilize soil immediately after clearing and grubbing activities.	
<b>Earth Moving Activities</b>	
08-1 Pre-apply water to depth of proposed cuts	Pre-water to 12 percent
08-2 Re-apply water as necessary to maintain soils in a damp condition and to ensure that visible emissions do not exceed 100 feet in any direction	
08-3 Stabilize soils once earth-moving activities are complete	
<b>Import/Export of Bulk Materials</b>	
09-1 Stabilize material while loading to reduce fugitive dust emissions.	Water exposed surfaces three times per day.
09-2 Maintain at least six inches of freeboard on haul vehicles.	
09-3 Stabilize material while transporting to reduce fugitive dust emissions.	
09-4 Stabilize material while unloading to reduce fugitive dust emissions.	
09-5 Comply with Vehicle Code Section 23114.	
<b>Landscaping</b>	
10-1 Stabilize soils, materials, slopes	Water exposed surfaces three times per day.
Guidance: Apply water to materials to stabilize; maintain materials in a crusted condition; maintain effective cover over materials; stabilize sloping surfaces using soil until vegetation or ground cover can effectively stabilize the slopes; hydroseed prior to rain season.	
<b>Staging Areas</b>	
13-1 Stabilize staging areas during use by limiting vehicle speeds to 15 miles per hour.	Reduce speed on unpaved roads to 15 miles per hours.
<b>Traffic Areas for Construction Activities</b>	
15-1 Stabilize all off-road traffic and parking areas.	Water exposed surfaces three times per day.
15-2 Stabilize all haul routes.	
15-3 Direct construction traffic over established haul routes.	



<b>Best Available Control Measure<sup>1</sup></b>	<b>Associated Measure in CalEEMod<sup>2</sup></b>
Guidance: Apply gravel/paving to all haul routes as soon as possible to all future roadway areas; barriers can be used to ensure vehicles are only used on established parking areas/haul routes.	
1 - SCAQMD Rule 403 2 - Applied in CalEEMod output in Appendix A	

### 2.2.1.3. Construction Related Trips

CalEEMod default values for worker trip generation, trip length, and vehicle fleet were used in this analysis. Vendor trips were also calculated using CalEEMod default values. The CalEEMod default vehicle type (Heavy Heavy-Duty Truck) was used for haul trips.

A summary of the construction related trips is shown in **Table 8, Construction Related Trips**.

<b>Construction Phase</b>	<b>Worker Trip Number</b>	<b>Vendor Trip Number</b>	<b>Haul Trip Number</b>
Site Preparation	8	0	0
Demolition	13	0	167
Grading	10	0	0
Construction	49	20	0
Paving	15	0	0
Architectural Coating	10	0	0

Source: CalEEMod, Appendix A

### 2.2.2. Localized Analysis Methodology

As noted in previous Section 1.1, the assessment of localized air quality impacts during construction employed the SCAQMD’s daily emission LST tables based on the location of the project, the construction area where the emissions would be generated, and the distance to the nearest sensitive receptor.

## 2.3. Operation

Operational emissions are those emissions that occur during operation of the Project. The major sources are summarized below.

### 2.3.1. Regional Emission Assumptions<sup>2</sup>

#### 2.3.1.1. Motor Vehicles

Motor vehicle emissions refer to exhaust and road dust emissions from the motor vehicles that would travel to and from the project site. Information regarding the vehicle type or scheduling was not provided. CalEEMod default values were used for estimating regional emissions. However, these are not considered a part of this project.

The vehicle fleet mix is defined as the mix of motor vehicle classes (i.e., passenger cars, light duty trucks, medium- and heavy-duty trucks) active during the operation of the project. Emission factors are

<sup>2</sup> A Project Traffic Study was not available; all calculations in the CalEEMod relied upon default values.

assigned to the expected vehicle mix as a function of vehicle class, speed, and fuel use. However, information regarding the vehicle fleet mix was not provided. CalEEMod default values were used for estimating regional emissions but are not considered a part of this project.

Daily pollutant emissions from the various mobile sources were calculated using information derived from the limited information in the project description and mobile source emission factors from the CARB EMFAC2014 mobile source emissions factor model that is embedded in the CalEEMod land use emission model. Data from a project-specific traffic study will be necessary to better quantify the daily pollutant emissions. As such, default values were used in CalEEMod but are not considered a part of this project.

### 2.3.2. Other Emission Sources

#### 2.3.2.1. Architectural Coatings (Painting)

Paints release VOC emissions. CalEEMod defaults were used.

#### 2.3.2.2. Consumer Products

Consumer products are various solvents used in non-industrial applications, which emit VOCs during their product use. “Consumer Product” means a chemically formulated product used by household and institutional consumers including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings. The default statewide emission factor developed for CalEEMod was calculated.

#### 2.3.2.3. Landscape Equipment

CalEEMod estimated the landscaping equipment using the default assumptions in the model.

#### 2.3.2.4. Electricity

There would be emissions from the power plants that would generate electricity to be used by the project (for lighting, pumping, etc.). CalEEMod defaults (emission factors for Southern California Edison) were used to estimate these emissions from the project. Electricity consumption for the project is shown below in **Table 9, Project Electricity Consumption**.

Scenario	Electrical Consumption (KWh/sqft/year)			Total (KWh/year)
	Title 24	Non-Title 24	Lighting	
Default CalEEMod factors – Free-Standing Discount Superstore	4.01	3.23	6.26	94,500
Default CalEEMod factors – Parking Lot	0.00	0.00	0.35	36,820
Default CalEEMod factors – Convenience Market (24 Hour)	4.01	3.23	6.26	108,540
Notes: sqft = square feet /KWh = kilowatt hours				

CalEEMod has three categories for electricity consumption: electricity that is impacted by Title-24 regulations, non-Title-24 electricity, and lighting. The Title 24 uses are defined as the major building envelope systems covered by California’s Building Code, Title 24 Part 6, such as space heating, space

---

cooling, water heating, and ventilation. Lighting is separate since it can be both part and not part of Title-24. Since lighting is not considered as part of the building envelope energy budget, CalEEMod does not consider lighting to have any further association with Title 24 references in the program. Non-Title 24 includes everything else such as appliances, break room equipment, computer servers, forklift chargers, and other electronics (none of which are a part of this project). However, the estimate of total electrical consumption calculated using default values in CalEEMod is provided.

#### 2.3.2.5. Natural Gas

Default values contained in the CalEEMod model are a part of the estimation of regional GHG emissions.

#### 2.3.2.6. Water

There may be GHG emissions from the use of electricity to pump water to the project. These estimates are used in the CalEEMod calculations using default values.

#### 2.3.2.7. Solid Waste

Greenhouse gas emissions can be generated from the decomposition of solid waste. The project is not expected to generate solid waste during normal operation. However, default values in CalEEMod estimated the GHG emissions from this source but is not considered a part of this project.

#### 2.3.2.8. Vegetation

There is no vegetation on the site as it is currently completely developed and urbanized.

### 2.3.3. Localized Operational Emission Assumptions

The predominant sources of local operational emissions are the motor vehicles that would access the project site. Such emissions result from the periodic (as yet undefined) use of support/maintenance vehicles for site inspections.

The estimation of the mobile source emissions requires the specification of several key pieces of information including the number of vehicle trips by vehicle type, trip travel lengths, vehicle idling time, and emission factors that define the amount of emissions as a function of vehicle speed and distance traveled, or amount of idling time per vehicle.

## **3. Summary of Findings**

---

The Gateway Cities Council of Governments (GCCOG) is the Metropolitan Planning Organization (MPO) that includes the City of Huntington Park and has recently prepared a regional CAP framework for member cities as part of a sustainable community strategy. The framework contains a comprehensive toolkit for cities' use to develop their own CAPs and set emissions targets. To date, the City of Huntington Park has not set emissions targets or numeric thresholds. However, the CAP framework itself shows various strategies that can help reduce GHG emissions: promoting "green" building; improving efficiency of existing buildings; increasing the use of local clean energy generation; and others.

Note that compliance with GHG-reduction strategies may not reduce an individual project's impacts below significant levels *unless* an emissions target or threshold, based on substantial evidence has been adopted by a local agency. In the absence of a target or threshold, quantified GHG emissions may be determined to be significant and unavoidable. Alternatively, if a project demonstrates consistency with

either a local CAP or with the CARB Scoping Plan (such as the percent-reduction goals described above), a finding of “less than significant” may be appropriate.

### 3.1. Construction Impacts

#### 3.1.1. Equipment Exhausts and Related Construction Activities

The emission values provided in the tables below (**Table 10**) are from the CalEEMod output tables, unmitigated.

<b>Table 10. Estimated Construction Emissions</b>						
<b>Construction Phase</b>	<b>Total Daily Maximum Pollutant Emissions (lbs/day)</b>					
	<b>NOx</b>	<b>SOx</b>	<b>CO</b>	<b>ROG (VOC)</b>	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>
<b>2021 Year</b>						
Site Preparation	18.3102	0.0254	11.0510	1.5832	2.3827	0.8418
Demolition	21.8731	0.0320	15.4294	2.1153	3.1473	1.3310
Grading	20.435	0.0217	10.1371	1.8732	7.5807	4.2404
Building Construction	18.0758	0.0356	16.8615	2.3296	1.5010	0.9727
Paving	10.6927	0.0195	12.3407	1.7534	0.7515	0.5827
Architectural Coating	1.5568	4.08e-003	2.1943	17.1327	0.2067	0.1245
<b>2022 Year</b>						
Paving	9.3728	0.0195	12.2195	1.6272	0.6567	0.4955
Architectural Coating	1.4355	4.04e-003	2.1619	17.0785	0.1943	0.1121
Peak Daily	21.8731	0.0356	16.8615	17.1156	7.5807	4.2404
SCAQMD Thresholds	100	150	550	75	150	55
<b>Significant Emissions?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

Because no exceedances of any threshold for criteria pollutants are expected for construction phases that will be required for this project, no significant impacts would occur for project construction. Details of the emission factors and other assumptions are included in **Appendix A**.

#### 3.1.2. Localized Impacts Analysis

The SCAQMD has issued guidance on applying CalEEMod results to localized impacts analyses. The sensitive receptors (residences) and corresponding distances from the project site are identified in **Table 2**. Peak day construction emissions would result in concentrations of pollutants at the nearest sensitive receptor (approx. 100 m.) below the SCAQMD thresholds of significance (**Table 11**).

Emissions Sources	NOx	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
On-Site Emissions (lbs/day)	21.8731	16.8615	7.5807	4.2404
LST Thresholds (lbs/day)	165	3030	69	18
<b>Significant Emissions?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

### 3.2. Regional Air Quality Impacts

#### 3.2.1. Project Operational Emissions

Operational air pollutant emission impacts are those associated with stationary sources and mobile sources involving any project-related changes. The area-source emissions from the Project may come from natural gas use, landscaping equipment, and/or solid waste disposal. Mobile source emissions may come from patron and employee vehicles and supply and delivery trucks. The project’s trip generation rates, primary trips and pass-by trips percentages used are based on the CalEEMod defaults since there has not been a Traffic Impact Analysis performed for the Project. A summary of the estimated operation emissions is provided in **Table 12, Estimated Operational Emissions**.

Source (Onsite)	Pollutant Emissions (lbs/day)					
	NOx	SOx	CO	ROG (VOC)	PM <sub>10</sub>	PM <sub>2.5</sub>
Area Sources	2.60e-004	0.0000	0.0285	0.3839	1.00e-004	1.00e-004
Energy Sources	6.63e-003	4.00e-005	5.57e-003	7.30e-004	5.00e-004	5.00e-004
Mobile Sources	40.4888	0.2079	70.3462	9.5226	14.5136	4.0002
Peak Daily	40.4956	0.2080	70.3803	9.9072	14.5142	4.0008
SCAQMD Thresholds	55	150	550	55	150	55
<b>Significant?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

#### 3.2.2. Localized Impact Analysis

The calculated emissions for the proposed operational activities compared with the appropriate LSTs is shown in **Table 13, Estimated Operational Localized Impacts Analysis**. By design, the localized impacts analysis only includes on-site sources; however, CalEEMod outputs do not separate on-site and off-site emissions for mobile sources. Nonetheless, the Project generated emissions are well below the LST Thresholds.

Emissions Sources	NOx	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
On-Site Emissions (lbs/day)	40.4956	70.3803	14.5142	4.0008
LST Thresholds (lbs/day)	165	3030	17	5
<b>Significant Emissions?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

### 3.3. Greenhouse Gas Emissions

#### 3.3.1. Construction Greenhouse Gas Emissions

Construction activities produce combustion emissions from various sources (e.g., demolition, site grading, utility engines, on-site heavy-duty construction vehicles, equipment hauling materials to and from the site, asphalt paving, and motor vehicles transporting the construction crew). Exhaust emissions from on-site construction activities would vary daily as construction activity levels change. The annual CO<sub>2</sub> emissions for each of the planned construction phases (see **Appendix A** for details) is provided in **Table 14**, *Estimated Construction Greenhouse Gas Emissions*.

<b>Table 14. Estimated Construction Greenhouse Gas Emissions</b>					
Construction Phase	Peak Annual Emissions (MT/yr)				Total Emissions/Year (MTCO <sub>2</sub> e)
	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	Total CO <sub>2</sub> e	
<b>2021</b>					
Construction	374.3131	0.0592	0.0000	375.7919	375.7919
<b>2022</b>					
Construction	7.1284	1.80e-003	0.0000	7.1734	7.1734
<b>Total Construction Emissions</b>					<b>382.9656</b>
<b>Total Construction Emissions Amortized Over 30 years</b>					<b>12.7655</b>

#### 3.3.2. Operational Greenhouse Gas Emissions

Operation of the proposed Project would generate GHG emissions from area and mobile sources and indirect emissions from stationary sources associated with energy consumption. Mobile-source emissions of GHGs would include project-generated vehicle trips associated with on-site facilities and customers and employees to the project site. Area-source emissions would be associated with activities including landscaping and maintenance of proposed land uses, natural gas for heating, and other sources. Increases in stationary-source emissions would also occur at off-site utility providers because of demand for electricity, natural gas, and water by the proposed uses.

The GHG emission estimates associated with the level of proposed development is provided in **Table 15**, *Estimated Operational Greenhouse Gas Emissions*. Area sources include architectural coatings and landscaping. Energy sources include natural gas consumption. Refer to **Appendix A** for CalEEMod outputs.

<b>Table 15. Estimated Operational Greenhouse Gas Emissions</b>				
Source	Pollutant Emissions (MT/yr)			
	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	Total CO <sub>2</sub> e
Operational	3,037.1739	0.8826	1.60e-003	3,059.7138
<b>Total Operational Emissions</b>				<b>3,059.7138</b>
<b>Total Operational Emissions Amortized Over 30 years</b>				<b>101.9904</b>
Notes: MT/yr = metric tons per year				

## References

- CalEEMod. 2017. California Emissions Estimator Model. Version 2016.3.2.  
Website: <http://caleemod.com/>.
- California Air Resources Board (CARB). 2014. EMFAC2014 Web Database.  
Website: <http://www.arb.ca.gov/emfac/2014/>. Accessed July 2020.
- SCAQMD. 2003. South Coast Air Quality Management District White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution.  
Website: <http://www.aqmd.gov/docs/default-source/Agendas/Environmental-Justice/cumulative-impacts-working-group/cumulative-impacts-white-paper.pdf?sfvrsn=2>.
- SCAQMD. 2009. Final Localized Significance Threshold Methodology, Appendix C-1, 2006-2008 Thresholds for Construction and Operation with Gradual Conversion of NO<sub>x</sub> to NO<sub>2</sub>. South Coast Air Quality Management District, Revised October 21, 2009.
- SCAQMD. 2011. South Coast Air Quality Management District Portable Engine Tier Ratings.  
Website: <http://www.aqmd.gov/comply/PERP/tier.htm>. Accessed July 2020.
- SCAQMD. 2012. South Coast Air Quality Management District Air Quality Significance Thresholds.  
Website: <http://www.aqmd.gov/ceqa/handbook/signthres.pdf>.
- SCAQMD. 2019. South Coast Air Quality Management District Air Quality Significance Thresholds; Toxic Air Contaminants, Odor, and GHG Thresholds; and Ambient Air Quality Standards for Criteria Pollutants. Revised April 2019.

APPENDIX A

---



Huntington Park Target - South Coast AQMD Air District, Summary Report

**Huntington Park Target**  
**South Coast AQMD, Summary Report**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Free-Standing Discount Superstore	7.00	1000sqft	0.16	7,000.00	0
Parking Lot	263.00	Space	2.37	105,200.00	0
Convenience Market (24 Hour)	8.04	1000sqft	0.18	8,040.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	11			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments**

Only CalEEMod defaults were used.

Huntington Park Target - South Coast AQMD Air District, Summary Report

Project Characteristics -

Land Use -

Construction Phase -

Demolition -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Architectural Coating -

Off-road Equipment -

## **2.0 Peak Daily Emissions**

---

### **Peak Daily Construction Emissions**

#### **Peak Daily Construction Emissions**





Huntington Park Target - South Coast AQMD Air District, Annual

**Huntington Park Target**  
**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

---

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Free-Standing Discount Superstore	7.00	1000sqft	0.16	7,000.00	0
Parking Lot	263.00	Space	2.37	105,200.00	0
Convenience Market (24 Hour)	8.04	1000sqft	0.18	8,040.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	11			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Huntington Park Target - South Coast AQMD Air District, Annual

Project Characteristics -

Land Use -

Construction Phase -

Demolition -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Architectural Coating -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	PhaseEndDate	10/6/2021	1/11/2022
tblConstructionPhase	PhaseEndDate	9/8/2021	12/24/2021
tblConstructionPhase	PhaseEndDate	10/22/2020	2/4/2021
tblConstructionPhase	PhaseEndDate	11/4/2020	2/22/2021
tblConstructionPhase	PhaseEndDate	9/22/2021	1/11/2022
tblConstructionPhase	PhaseEndDate	10/27/2020	1/12/2021
tblConstructionPhase	PhaseStartDate	9/23/2021	12/29/2021
tblConstructionPhase	PhaseStartDate	11/5/2020	2/21/2021
tblConstructionPhase	PhaseStartDate	9/25/2020	1/8/2021
tblConstructionPhase	PhaseStartDate	10/28/2020	2/15/2021
tblConstructionPhase	PhaseStartDate	9/9/2021	12/29/2021
tblConstructionPhase	PhaseStartDate	10/23/2020	1/8/2021

**2.0 Emissions Summary**

---



Huntington Park Target - South Coast AQMD Air District, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	12-25-2020	3-24-2021	0.5718	0.5718
3	3-25-2021	6-24-2021	0.6696	0.6696
4	6-25-2021	9-24-2021	0.6695	0.6695
5	9-25-2021	12-24-2021	0.6631	0.6631
6	12-25-2021	3-24-2022	0.1495	0.1495
		Highest	0.6696	0.6696

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0699	3.0000e-005	3.5600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.9000e-003	6.9000e-003	2.0000e-005	0.0000	7.3600e-003
Energy	1.3000e-004	1.2100e-003	1.0200e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	77.7408	77.7408	3.1800e-003	6.8000e-004	78.0220
Mobile	1.3828	6.5380	11.1610	0.0318	2.2379	0.0276	2.2655	0.5997	0.0258	0.6255	0.0000	2,941.0195	2,941.0195	0.1919	0.0000	2,945.8164
Waste						0.0000	0.0000		0.0000	0.0000	11.0143	0.0000	11.0143	0.6509	0.0000	27.2874
Water						0.0000	0.0000		0.0000	0.0000	0.3534	7.0390	7.3924	0.0366	9.2000e-004	8.5806
<b>Total</b>	<b>1.4528</b>	<b>6.5392</b>	<b>11.1656</b>	<b>0.0318</b>	<b>2.2379</b>	<b>0.0277</b>	<b>2.2656</b>	<b>0.5997</b>	<b>0.0259</b>	<b>0.6256</b>	<b>11.3677</b>	<b>3,025.8061</b>	<b>3,037.1739</b>	<b>0.8826</b>	<b>1.6000e-003</b>	<b>3,059.7138</b>



Huntington Park Target - South Coast AQMD Air District, Annual

**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	tons/yr										MT/yr					
Area	0.0699	3.0000e-005	3.5600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.9000e-003	6.9000e-003	2.0000e-005	0.0000	7.3600e-003
Energy	1.3000e-004	1.2100e-003	1.0200e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	77.7408	77.7408	3.1800e-003	6.8000e-004	78.0220
Mobile	1.3828	6.5380	11.1610	0.0318	2.2379	0.0276	2.2655	0.5997	0.0258	0.6255	0.0000	2,941.0195	2,941.0195	0.1919	0.0000	2,945.8164
Waste						0.0000	0.0000		0.0000	0.0000	11.0143	0.0000	11.0143	0.6509	0.0000	27.2874
Water						0.0000	0.0000		0.0000	0.0000	0.3534	7.0390	7.3924	0.0366	9.2000e-004	8.5806
<b>Total</b>	<b>1.4528</b>	<b>6.5392</b>	<b>11.1656</b>	<b>0.0318</b>	<b>2.2379</b>	<b>0.0277</b>	<b>2.2656</b>	<b>0.5997</b>	<b>0.0259</b>	<b>0.6256</b>	<b>11.3677</b>	<b>3,025.8061</b>	<b>3,037.1739</b>	<b>0.8826</b>	<b>1.6000e-003</b>	<b>3,059.7138</b>

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

**3.0 Construction Detail**

**Construction Phase**

## Huntington Park Target - South Coast AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/8/2021	2/4/2021	5	20	
2	Site Preparation	Site Preparation	1/8/2021	1/12/2021	5	3	
3	Grading	Grading	2/15/2021	2/22/2021	5	6	
4	Building Construction	Building Construction	2/21/2021	12/24/2021	5	220	
5	Paving	Paving	12/29/2021	1/11/2022	5	10	
6	Architectural Coating	Architectural Coating	12/29/2021	1/11/2022	5	10	

**Acres of Grading (Site Preparation Phase): 4.5**

**Acres of Grading (Grading Phase): 3**

**Acres of Paving: 2.37**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 22,560; Non-Residential Outdoor: 7,520; Striped Parking Area: 6,312 (Architectural Coating – sqft)**

**OffRoad Equipment**

## Huntington Park Target - South Coast AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Site Preparation	Graders	1	8.00	187	0.41
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	3	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Huntington Park Target - South Coast AQMD Air District, Annual

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
Architectural Coating	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	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
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Replace Ground Cover

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	2.7400e-003	0.0000	2.7400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0199	0.1970	0.1449	2.4000e-004		0.0104	0.0104		9.7100e-003	9.7100e-003	0.0000	21.0713	21.0713	5.3900e-003	0.0000	21.2060
<b>Total</b>	<b>0.0199</b>	<b>0.1970</b>	<b>0.1449</b>	<b>2.4000e-004</b>	<b>0.0181</b>	<b>0.0104</b>	<b>0.0285</b>	<b>2.7400e-003</b>	<b>9.7100e-003</b>	<b>0.0125</b>	<b>0.0000</b>	<b>21.0713</b>	<b>21.0713</b>	<b>5.3900e-003</b>	<b>0.0000</b>	<b>21.2060</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1000e-004	0.0218	4.6200e-003	6.0000e-005	1.4400e-003	7.0000e-005	1.5000e-003	3.9000e-004	6.0000e-005	4.6000e-004	0.0000	6.2349	6.2349	4.3000e-004	0.0000	6.2456
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.0000e-004	4.5300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2424	1.2424	3.0000e-005	0.0000	1.2432
<b>Total</b>	<b>1.1500e-003</b>	<b>0.0222</b>	<b>9.1500e-003</b>	<b>7.0000e-005</b>	<b>2.8700e-003</b>	<b>8.0000e-005</b>	<b>2.9400e-003</b>	<b>7.7000e-004</b>	<b>7.0000e-005</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>7.4773</b>	<b>7.4773</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>7.4888</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	2.7400e-003	0.0000	2.7400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0199	0.1970	0.1449	2.4000e-004		0.0104	0.0104		9.7100e-003	9.7100e-003	0.0000	21.0713	21.0713	5.3900e-003	0.0000	21.2060
<b>Total</b>	<b>0.0199</b>	<b>0.1970</b>	<b>0.1449</b>	<b>2.4000e-004</b>	<b>0.0181</b>	<b>0.0104</b>	<b>0.0285</b>	<b>2.7400e-003</b>	<b>9.7100e-003</b>	<b>0.0125</b>	<b>0.0000</b>	<b>21.0713</b>	<b>21.0713</b>	<b>5.3900e-003</b>	<b>0.0000</b>	<b>21.2060</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1000e-004	0.0218	4.6200e-003	6.0000e-005	1.4400e-003	7.0000e-005	1.5000e-003	3.9000e-004	6.0000e-005	4.6000e-004	0.0000	6.2349	6.2349	4.3000e-004	0.0000	6.2456
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.0000e-004	4.5300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2424	1.2424	3.0000e-005	0.0000	1.2432
<b>Total</b>	<b>1.1500e-003</b>	<b>0.0222</b>	<b>9.1500e-003</b>	<b>7.0000e-005</b>	<b>2.8700e-003</b>	<b>8.0000e-005</b>	<b>2.9400e-003</b>	<b>7.7000e-004</b>	<b>7.0000e-005</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>7.4773</b>	<b>7.4773</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>7.4888</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3200e-003	0.0274	0.0161	4.0000e-005		1.0500e-003	1.0500e-003		9.7000e-004	9.7000e-004	0.0000	3.2290	3.2290	1.0400e-003	0.0000	3.2551
<b>Total</b>	<b>2.3200e-003</b>	<b>0.0274</b>	<b>0.0161</b>	<b>4.0000e-005</b>	<b>2.3900e-003</b>	<b>1.0500e-003</b>	<b>3.4400e-003</b>	<b>2.6000e-004</b>	<b>9.7000e-004</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>3.2290</b>	<b>3.2290</b>	<b>1.0400e-003</b>	<b>0.0000</b>	<b>3.2551</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	4.0000e-005	4.2000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.1147	0.1147	0.0000	0.0000	0.1148
<b>Total</b>	<b>5.0000e-005</b>	<b>4.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1147</b>	<b>0.1147</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1148</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3200e-003	0.0274	0.0161	4.0000e-005		1.0500e-003	1.0500e-003		9.7000e-004	9.7000e-004	0.0000	3.2290	3.2290	1.0400e-003	0.0000	3.2551
<b>Total</b>	<b>2.3200e-003</b>	<b>0.0274</b>	<b>0.0161</b>	<b>4.0000e-005</b>	<b>2.3900e-003</b>	<b>1.0500e-003</b>	<b>3.4400e-003</b>	<b>2.6000e-004</b>	<b>9.7000e-004</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>3.2290</b>	<b>3.2290</b>	<b>1.0400e-003</b>	<b>0.0000</b>	<b>3.2551</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	4.0000e-005	4.2000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.1147	0.1147	0.0000	0.0000	0.1148
<b>Total</b>	<b>5.0000e-005</b>	<b>4.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1147</b>	<b>0.1147</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1148</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0197	0.0000	0.0197	0.0101	0.0000	0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4800e-003	0.0606	0.0293	6.0000e-005		2.7500e-003	2.7500e-003		2.5300e-003	2.5300e-003	0.0000	5.4312	5.4312	1.7600e-003	0.0000	5.4751
<b>Total</b>	<b>5.4800e-003</b>	<b>0.0606</b>	<b>0.0293</b>	<b>6.0000e-005</b>	<b>0.0197</b>	<b>2.7500e-003</b>	<b>0.0224</b>	<b>0.0101</b>	<b>2.5300e-003</b>	<b>0.0126</b>	<b>0.0000</b>	<b>5.4312</b>	<b>5.4312</b>	<b>1.7600e-003</b>	<b>0.0000</b>	<b>5.4751</b>



Huntington Park Target - South Coast AQMD Air District, Annual

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	1.0500e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2867	0.2867	1.0000e-005	0.0000	0.2869
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2867</b>	<b>0.2867</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2869</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0197	0.0000	0.0197	0.0101	0.0000	0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4800e-003	0.0606	0.0293	6.0000e-005		2.7500e-003	2.7500e-003		2.5300e-003	2.5300e-003	0.0000	5.4312	5.4312	1.7600e-003	0.0000	5.4751
<b>Total</b>	<b>5.4800e-003</b>	<b>0.0606</b>	<b>0.0293</b>	<b>6.0000e-005</b>	<b>0.0197</b>	<b>2.7500e-003</b>	<b>0.0224</b>	<b>0.0101</b>	<b>2.5300e-003</b>	<b>0.0126</b>	<b>0.0000</b>	<b>5.4312</b>	<b>5.4312</b>	<b>1.7600e-003</b>	<b>0.0000</b>	<b>5.4751</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	1.0500e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2867	0.2867	1.0000e-005	0.0000	0.2869
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2867</b>	<b>0.2867</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2869</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2250	1.7630	1.6019	2.7500e-003		0.0899	0.0899		0.0861	0.0861	0.0000	228.4136	228.4136	0.0449	0.0000	229.5371
<b>Total</b>	<b>0.2250</b>	<b>1.7630</b>	<b>1.6019</b>	<b>2.7500e-003</b>		<b>0.0899</b>	<b>0.0899</b>		<b>0.0861</b>	<b>0.0861</b>	<b>0.0000</b>	<b>228.4136</b>	<b>228.4136</b>	<b>0.0449</b>	<b>0.0000</b>	<b>229.5371</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2600e-003	0.2129	0.0528	5.5000e-004	0.0139	4.3000e-004	0.0143	4.0000e-003	4.1000e-004	4.4100e-003	0.0000	53.7122	53.7122	3.4000e-003	0.0000	53.7972
Worker	0.0225	0.0166	0.1878	5.7000e-004	0.0591	4.4000e-004	0.0596	0.0157	4.1000e-004	0.0161	0.0000	51.5101	51.5101	1.3800e-003	0.0000	51.5446
<b>Total</b>	<b>0.0287</b>	<b>0.2295</b>	<b>0.2406</b>	<b>1.1200e-003</b>	<b>0.0730</b>	<b>8.7000e-004</b>	<b>0.0739</b>	<b>0.0197</b>	<b>8.2000e-004</b>	<b>0.0205</b>	<b>0.0000</b>	<b>105.2223</b>	<b>105.2223</b>	<b>4.7800e-003</b>	<b>0.0000</b>	<b>105.3418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2250	1.7630	1.6019	2.7500e-003		0.0899	0.0899		0.0861	0.0861	0.0000	228.4133	228.4133	0.0449	0.0000	229.5368
<b>Total</b>	<b>0.2250</b>	<b>1.7630</b>	<b>1.6019</b>	<b>2.7500e-003</b>		<b>0.0899</b>	<b>0.0899</b>		<b>0.0861</b>	<b>0.0861</b>	<b>0.0000</b>	<b>228.4133</b>	<b>228.4133</b>	<b>0.0449</b>	<b>0.0000</b>	<b>229.5368</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2600e-003	0.2129	0.0528	5.5000e-004	0.0139	4.3000e-004	0.0143	4.0000e-003	4.1000e-004	4.4100e-003	0.0000	53.7122	53.7122	3.4000e-003	0.0000	53.7972
Worker	0.0225	0.0166	0.1878	5.7000e-004	0.0591	4.4000e-004	0.0596	0.0157	4.1000e-004	0.0161	0.0000	51.5101	51.5101	1.3800e-003	0.0000	51.5446
<b>Total</b>	<b>0.0287</b>	<b>0.2295</b>	<b>0.2406</b>	<b>1.1200e-003</b>	<b>0.0730</b>	<b>8.7000e-004</b>	<b>0.0739</b>	<b>0.0197</b>	<b>8.2000e-004</b>	<b>0.0205</b>	<b>0.0000</b>	<b>105.2223</b>	<b>105.2223</b>	<b>4.7800e-003</b>	<b>0.0000</b>	<b>105.3418</b>

**3.6 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5900e-003	0.0160	0.0177	3.0000e-005		8.7000e-004	8.7000e-004		8.1000e-004	8.1000e-004	0.0000	2.3257	2.3257	7.4000e-004	0.0000	2.3442
Paving	9.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.5200e-003</b>	<b>0.0160</b>	<b>0.0177</b>	<b>3.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.1000e-004</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>2.3257</b>	<b>2.3257</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.3442</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.6 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2150	0.2150	1.0000e-005	0.0000	0.2152
<b>Total</b>	<b>9.0000e-005</b>	<b>7.0000e-005</b>	<b>7.8000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.2150</b>	<b>0.2150</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2152</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5900e-003	0.0160	0.0177	3.0000e-005		8.7000e-004	8.7000e-004		8.1000e-004	8.1000e-004	0.0000	2.3257	2.3257	7.4000e-004	0.0000	2.3441
Paving	9.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.5200e-003</b>	<b>0.0160</b>	<b>0.0177</b>	<b>3.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.1000e-004</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>2.3257</b>	<b>2.3257</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.3441</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.6 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2150	0.2150	1.0000e-005	0.0000	0.2152
<b>Total</b>	<b>9.0000e-005</b>	<b>7.0000e-005</b>	<b>7.8000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.2150</b>	<b>0.2150</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2152</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2900e-003	0.0327	0.0409	6.0000e-005		1.7100e-003	1.7100e-003		1.5700e-003	1.5700e-003	0.0000	5.4285	5.4285	1.7200e-003	0.0000	5.4715
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>5.4600e-003</b>	<b>0.0327</b>	<b>0.0409</b>	<b>6.0000e-005</b>		<b>1.7100e-003</b>	<b>1.7100e-003</b>		<b>1.5700e-003</b>	<b>1.5700e-003</b>	<b>0.0000</b>	<b>5.4285</b>	<b>5.4285</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>5.4715</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.6 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	1.6900e-003	1.0000e-005	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.4837	0.4837	1.0000e-005	0.0000	0.4840
<b>Total</b>	<b>2.1000e-004</b>	<b>1.5000e-004</b>	<b>1.6900e-003</b>	<b>1.0000e-005</b>	<b>5.8000e-004</b>	<b>0.0000</b>	<b>5.8000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4837</b>	<b>0.4837</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.4840</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2900e-003	0.0327	0.0409	6.0000e-005		1.7100e-003	1.7100e-003		1.5700e-003	1.5700e-003	0.0000	5.4285	5.4285	1.7200e-003	0.0000	5.4715
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>5.4600e-003</b>	<b>0.0327</b>	<b>0.0409</b>	<b>6.0000e-005</b>		<b>1.7100e-003</b>	<b>1.7100e-003</b>		<b>1.5700e-003</b>	<b>1.5700e-003</b>	<b>0.0000</b>	<b>5.4285</b>	<b>5.4285</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>5.4715</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.6 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	1.6900e-003	1.0000e-005	5.8000e-004	0.0000	5.8000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.4837	0.4837	1.0000e-005	0.0000	0.4840
<b>Total</b>	<b>2.1000e-004</b>	<b>1.5000e-004</b>	<b>1.6900e-003</b>	<b>1.0000e-005</b>	<b>5.8000e-004</b>	<b>0.0000</b>	<b>5.8000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4837</b>	<b>0.4837</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.4840</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	2.2900e-003	2.7300e-003	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.3830	0.3830	3.0000e-005	0.0000	0.3837
<b>Total</b>	<b>0.0256</b>	<b>2.2900e-003</b>	<b>2.7300e-003</b>	<b>0.0000</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.3830</b>	<b>0.3830</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.3837</b>



Huntington Park Target - South Coast AQMD Air District, Annual

**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	5.0000e-005	5.2000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1434	0.1434	0.0000	0.0000	0.1435
<b>Total</b>	<b>6.0000e-005</b>	<b>5.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1434</b>	<b>0.1434</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1435</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0253					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	2.2900e-003	2.7300e-003	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.3830	0.3830	3.0000e-005	0.0000	0.3836
<b>Total</b>	<b>0.0256</b>	<b>2.2900e-003</b>	<b>2.7300e-003</b>	<b>0.0000</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.3830</b>	<b>0.3830</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.3836</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	5.0000e-005	5.2000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1434	0.1434	0.0000	0.0000	0.1435
<b>Total</b>	<b>6.0000e-005</b>	<b>5.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1434</b>	<b>0.1434</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1435</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0590					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-004	4.9300e-003	6.3500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	0.8936	0.8936	6.0000e-005	0.0000	0.8951
<b>Total</b>	<b>0.0598</b>	<b>4.9300e-003</b>	<b>6.3500e-003</b>	<b>1.0000e-005</b>		<b>2.9000e-004</b>	<b>2.9000e-004</b>		<b>2.9000e-004</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>0.8936</b>	<b>0.8936</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.8951</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	1.0000e-004	1.1300e-003	0.0000	3.8000e-004	0.0000	3.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3225	0.3225	1.0000e-005	0.0000	0.3227
<b>Total</b>	<b>1.4000e-004</b>	<b>1.0000e-004</b>	<b>1.1300e-003</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>3.9000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3225</b>	<b>0.3225</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3227</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0590					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-004	4.9300e-003	6.3500e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	0.8936	0.8936	6.0000e-005	0.0000	0.8951
<b>Total</b>	<b>0.0598</b>	<b>4.9300e-003</b>	<b>6.3500e-003</b>	<b>1.0000e-005</b>		<b>2.9000e-004</b>	<b>2.9000e-004</b>		<b>2.9000e-004</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>0.8936</b>	<b>0.8936</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.8951</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**3.7 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	1.0000e-004	1.1300e-003	0.0000	3.8000e-004	0.0000	3.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3225	0.3225	1.0000e-005	0.0000	0.3227
<b>Total</b>	<b>1.4000e-004</b>	<b>1.0000e-004</b>	<b>1.1300e-003</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>3.9000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3225</b>	<b>0.3225</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3227</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

Huntington Park Target - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3828	6.5380	11.1610	0.0318	2.2379	0.0276	2.2655	0.5997	0.0258	0.6255	0.0000	2,941.0195	2,941.0195	0.1919	0.0000	2,945.8164
Unmitigated	1.3828	6.5380	11.1610	0.0318	2.2379	0.0276	2.2655	0.5997	0.0258	0.6255	0.0000	2,941.0195	2,941.0195	0.1919	0.0000	2,945.8164

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Free-Standing Discount Superstore	355.25	448.49	392.84	708,071	708,071
Parking Lot	0.00	0.00	0.00		
Convenience Market (24 Hour)	5,933.44	6,939.32	6097.94	5,181,605	5,181,605
Total	6,288.69	7,387.81	6,490.78	5,889,675	5,889,675

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
Free-Standing Discount	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Convenience Market (24 Hour)	16.60	8.40	6.90	0.90	80.10	19.00	24	15	61

4.4 Fleet Mix

Huntington Park Target - South Coast AQMD Air District, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Free-Standing Discount Superstore	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Convenience Market (24 Hour)	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	76.4245	76.4245	3.1600e-003	6.5000e-004	76.6980
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	76.4245	76.4245	3.1600e-003	6.5000e-004	76.6980
NaturalGas Mitigated	1.3000e-004	1.2100e-003	1.0200e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.3163	1.3163	3.0000e-005	2.0000e-005	1.3241
NaturalGas Unmitigated	1.3000e-004	1.2100e-003	1.0200e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.3163	1.3163	3.0000e-005	2.0000e-005	1.3241

Huntington Park Target - South Coast AQMD Air District, Annual

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market (24 Hour)	13185.6	7.0000e-005	6.5000e-004	5.4000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7036	0.7036	1.0000e-005	1.0000e-005	0.7078
Free-Standing Discount Superstore	11480	6.0000e-005	5.6000e-004	4.7000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6126	0.6126	1.0000e-005	1.0000e-005	0.6163
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>1.3000e-004</b>	<b>1.2100e-003</b>	<b>1.0100e-003</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.3163</b>	<b>1.3163</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>1.3241</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Convenience Market (24 Hour)	13185.6	7.0000e-005	6.5000e-004	5.4000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7036	0.7036	1.0000e-005	1.0000e-005	0.7078
Free-Standing Discount Superstore	11480	6.0000e-005	5.6000e-004	4.7000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6126	0.6126	1.0000e-005	1.0000e-005	0.6163
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>1.3000e-004</b>	<b>1.2100e-003</b>	<b>1.0100e-003</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.3163</b>	<b>1.3163</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>1.3241</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market (24 Hour)	108540	34.5832	1.4300e-003	3.0000e-004	34.7069
Free-Standing Discount Superstore	94500	30.1097	1.2400e-003	2.6000e-004	30.2174
Parking Lot	36820	11.7316	4.8000e-004	1.0000e-004	11.7736
<b>Total</b>		<b>76.4245</b>	<b>3.1500e-003</b>	<b>6.6000e-004</b>	<b>76.6979</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Convenience Market (24 Hour)	108540	34.5832	1.4300e-003	3.0000e-004	34.7069
Free-Standing Discount Superstore	94500	30.1097	1.2400e-003	2.6000e-004	30.2174
Parking Lot	36820	11.7316	4.8000e-004	1.0000e-004	11.7736
<b>Total</b>		<b>76.4245</b>	<b>3.1500e-003</b>	<b>6.6000e-004</b>	<b>76.6979</b>



Huntington Park Target - South Coast AQMD Air District, Annual

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0699	3.0000e-005	3.5600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.9000e-003	6.9000e-003	2.0000e-005	0.0000	7.3600e-003
Unmitigated	0.0699	3.0000e-005	3.5600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.9000e-003	6.9000e-003	2.0000e-005	0.0000	7.3600e-003

Huntington Park Target - South Coast AQMD Air District, Annual

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.4300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0612					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.9000e-003	6.9000e-003	2.0000e-005	0.0000	7.3600e-003
<b>Total</b>	<b>0.0699</b>	<b>3.0000e-005</b>	<b>3.5600e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.9000e-003</b>	<b>6.9000e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.3600e-003</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.4300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0612					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.9000e-003	6.9000e-003	2.0000e-005	0.0000	7.3600e-003
<b>Total</b>	<b>0.0699</b>	<b>3.0000e-005</b>	<b>3.5600e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.9000e-003</b>	<b>6.9000e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.3600e-003</b>

**7.0 Water Detail**

Huntington Park Target - South Coast AQMD Air District, Annual

**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.3924	0.0366	9.2000e-004	8.5806
Unmitigated	7.3924	0.0366	9.2000e-004	8.5806

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market (24 Hour)	0.595543 / 0.36501	3.9518	0.0196	4.9000e-004	4.5870
Free-Standing Discount Superstore	0.518508 / 0.317795	3.4406	0.0170	4.3000e-004	3.9936
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>7.3924</b>	<b>0.0366</b>	<b>9.2000e-004</b>	<b>8.5806</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Convenience Market (24 Hour)	0.595543 / 0.36501	3.9518	0.0196	4.9000e-004	4.5870
Free-Standing Discount Superstore	0.518508 / 0.317795	3.4406	0.0170	4.3000e-004	3.9936
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>7.3924</b>	<b>0.0366</b>	<b>9.2000e-004</b>	<b>8.5806</b>

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

Huntington Park Target - South Coast AQMD Air District, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	11.0143	0.6509	0.0000	27.2874
Unmitigated	11.0143	0.6509	0.0000	27.2874

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Convenience Market (24 Hour)	24.16	4.9043	0.2898	0.0000	12.1501
Free-Standing Discount Superstore	30.1	6.1100	0.3611	0.0000	15.1373
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>11.0143</b>	<b>0.6509</b>	<b>0.0000</b>	<b>27.2874</b>

Huntington Park Target - South Coast AQMD Air District, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Convenience Market (24 Hour)	24.16	4.9043	0.2898	0.0000	12.1501
Free-Standing Discount Superstore	30.1	6.1100	0.3611	0.0000	15.1373
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>11.0143</b>	<b>0.6509</b>	<b>0.0000</b>	<b>27.2874</b>

**9.0 Operational Offroad**

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

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

Huntington Park Target - South Coast AQMD Air District, Annual

**11.0 Vegetation**

---

Huntington Park Target - South Coast AQMD Air District, Summer

**Huntington Park Target**  
**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Free-Standing Discount Superstore	7.00	1000sqft	0.16	7,000.00	0
Parking Lot	263.00	Space	2.37	105,200.00	0
Convenience Market (24 Hour)	8.04	1000sqft	0.18	8,040.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	11			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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



Huntington Park Target - South Coast AQMD Air District, Summer

Project Characteristics -

Land Use -

Construction Phase -

Demolition -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Architectural Coating -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	PhaseEndDate	10/6/2021	1/11/2022
tblConstructionPhase	PhaseEndDate	9/8/2021	12/24/2021
tblConstructionPhase	PhaseEndDate	10/22/2020	2/4/2021
tblConstructionPhase	PhaseEndDate	11/4/2020	2/22/2021
tblConstructionPhase	PhaseEndDate	9/22/2021	1/11/2022
tblConstructionPhase	PhaseEndDate	10/27/2020	1/12/2021
tblConstructionPhase	PhaseStartDate	9/23/2021	12/29/2021
tblConstructionPhase	PhaseStartDate	11/5/2020	2/21/2021
tblConstructionPhase	PhaseStartDate	9/25/2020	1/8/2021
tblConstructionPhase	PhaseStartDate	10/28/2020	2/15/2021
tblConstructionPhase	PhaseStartDate	9/9/2021	12/29/2021
tblConstructionPhase	PhaseStartDate	10/23/2020	1/8/2021

**2.0 Emissions Summary**

---



Huntington Park Target - South Coast AQMD Air District, 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	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
Energy	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975
Mobile	9.5226	40.4888	69.5880	0.2079	14.3380	0.1725	14.5105	3.8364	0.1608	3.9973		21,220.1291	21,220.1291	1.3053		21,252.7605
<b>Total</b>	<b>9.9072</b>	<b>40.4956</b>	<b>69.6220</b>	<b>0.2080</b>	<b>14.3380</b>	<b>0.1731</b>	<b>14.5111</b>	<b>3.8364</b>	<b>0.1614</b>	<b>3.9979</b>		<b>21,228.1401</b>	<b>21,228.1401</b>	<b>1.3056</b>	<b>1.5000e-004</b>	<b>21,260.8229</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
Energy	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975
Mobile	9.5226	40.4888	69.5880	0.2079	14.3380	0.1725	14.5105	3.8364	0.1608	3.9973		21,220.1291	21,220.1291	1.3053		21,252.7605
<b>Total</b>	<b>9.9072</b>	<b>40.4956</b>	<b>69.6220</b>	<b>0.2080</b>	<b>14.3380</b>	<b>0.1731</b>	<b>14.5111</b>	<b>3.8364</b>	<b>0.1614</b>	<b>3.9979</b>		<b>21,228.1401</b>	<b>21,228.1401</b>	<b>1.3056</b>	<b>1.5000e-004</b>	<b>21,260.8229</b>

Huntington Park Target - South Coast AQMD Air District, 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	1/8/2021	2/4/2021	5	20	
2	Site Preparation	Site Preparation	1/8/2021	1/12/2021	5	3	
3	Grading	Grading	2/15/2021	2/22/2021	5	6	
4	Building Construction	Building Construction	2/21/2021	12/24/2021	5	220	
5	Paving	Paving	12/29/2021	1/11/2022	5	10	
6	Architectural Coating	Architectural Coating	12/29/2021	1/11/2022	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 2.37

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 22,560; Non-Residential Outdoor: 7,520; Striped Parking Area: 6,312 (Architectural Coating – sqft)

#### OffRoad Equipment

## Huntington Park Target - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Site Preparation	Graders	1	8.00	187	0.41
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	3	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Huntington Park Target - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	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
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Replace Ground Cover

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8074	0.0000	1.8074	0.2737	0.0000	0.2737			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>	<b>1.8074</b>	<b>1.0409</b>	<b>2.8483</b>	<b>0.2737</b>	<b>0.9715</b>	<b>1.2451</b>		<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0606	2.1125	0.4472	6.4000e-003	0.1459	6.5500e-003	0.1525	0.0400	6.2600e-003	0.0463		692.6655	692.6655	0.0462		693.8208
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	0.0549	0.0356	0.4897	1.4400e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		143.9624	143.9624	3.8700e-003		144.0592
<b>Total</b>	<b>0.1155</b>	<b>2.1481</b>	<b>0.9369</b>	<b>7.8400e-003</b>	<b>0.2912</b>	<b>7.6200e-003</b>	<b>0.2988</b>	<b>0.0785</b>	<b>7.2500e-003</b>	<b>0.0858</b>		<b>836.6280</b>	<b>836.6280</b>	<b>0.0501</b>		<b>837.8800</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8074	0.0000	1.8074	0.2737	0.0000	0.2737			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>	<b>1.8074</b>	<b>1.0409</b>	<b>2.8483</b>	<b>0.2737</b>	<b>0.9715</b>	<b>1.2451</b>	<b>0.0000</b>	<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0606	2.1125	0.4472	6.4000e-003	0.1459	6.5500e-003	0.1525	0.0400	6.2600e-003	0.0463		692.6655	692.6655	0.0462		693.8208
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	0.0549	0.0356	0.4897	1.4400e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		143.9624	143.9624	3.8700e-003		144.0592
<b>Total</b>	<b>0.1155</b>	<b>2.1481</b>	<b>0.9369</b>	<b>7.8400e-003</b>	<b>0.2912</b>	<b>7.6200e-003</b>	<b>0.2988</b>	<b>0.0785</b>	<b>7.2500e-003</b>	<b>0.0858</b>		<b>836.6280</b>	<b>836.6280</b>	<b>0.0501</b>		<b>837.8800</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.8832	2,372.8832	0.7674		2,392.0692
<b>Total</b>	<b>1.5463</b>	<b>18.2862</b>	<b>10.7496</b>	<b>0.0245</b>	<b>1.5908</b>	<b>0.7019</b>	<b>2.2926</b>	<b>0.1718</b>	<b>0.6457</b>	<b>0.8175</b>		<b>2,372.8832</b>	<b>2,372.8832</b>	<b>0.7674</b>		<b>2,392.0692</b>



Huntington Park Target - South Coast AQMD Air District, Summer

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		88.5923	88.5923	2.3800e-003		88.6518
<b>Total</b>	<b>0.0338</b>	<b>0.0219</b>	<b>0.3014</b>	<b>8.9000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>88.5923</b>	<b>88.5923</b>	<b>2.3800e-003</b>		<b>88.6518</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457	0.0000	2,372.883 2	2,372.883 2	0.7674		2,392.069 2
<b>Total</b>	<b>1.5463</b>	<b>18.2862</b>	<b>10.7496</b>	<b>0.0245</b>	<b>1.5908</b>	<b>0.7019</b>	<b>2.2926</b>	<b>0.1718</b>	<b>0.6457</b>	<b>0.8175</b>	<b>0.0000</b>	<b>2,372.883 2</b>	<b>2,372.883 2</b>	<b>0.7674</b>		<b>2,392.069 2</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		88.5923	88.5923	2.3800e-003		88.6518
<b>Total</b>	<b>0.0338</b>	<b>0.0219</b>	<b>0.3014</b>	<b>8.9000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>88.5923</b>	<b>88.5923</b>	<b>2.3800e-003</b>		<b>88.6518</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.6114	1,995.6114	0.6454		2,011.7470
<b>Total</b>	<b>1.8271</b>	<b>20.2135</b>	<b>9.7604</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9158</b>	<b>7.4681</b>	<b>3.3675</b>	<b>0.8425</b>	<b>4.2100</b>		<b>1,995.6114</b>	<b>1,995.6114</b>	<b>0.6454</b>		<b>2,011.7470</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0274	0.3767	1.1100e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		110.7403	110.7403	2.9800e-003		110.8148
<b>Total</b>	<b>0.0422</b>	<b>0.0274</b>	<b>0.3767</b>	<b>1.1100e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>110.7403</b>	<b>110.7403</b>	<b>2.9800e-003</b>		<b>110.8148</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
<b>Total</b>	<b>1.8271</b>	<b>20.2135</b>	<b>9.7604</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9158</b>	<b>7.4681</b>	<b>3.3675</b>	<b>0.8425</b>	<b>4.2100</b>	<b>0.0000</b>	<b>1,995.6114</b>	<b>1,995.6114</b>	<b>0.6454</b>		<b>2,011.7470</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0274	0.3767	1.1100e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		110.7403	110.7403	2.9800e-003		110.8148
<b>Total</b>	<b>0.0422</b>	<b>0.0274</b>	<b>0.3767</b>	<b>1.1100e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>110.7403</b>	<b>110.7403</b>	<b>2.9800e-003</b>		<b>110.8148</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>		<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0557	1.9075	0.4527	5.1000e-003	0.1280	3.8400e-003	0.1318	0.0369	3.6700e-003	0.0405		544.8769	544.8769	0.0330		545.7009
Worker	0.2068	0.1342	1.8460	5.4500e-003	0.5477	4.0300e-003	0.5517	0.1453	3.7100e-003	0.1490		542.6276	542.6276	0.0146		542.9924
<b>Total</b>	<b>0.2625</b>	<b>2.0417</b>	<b>2.2986</b>	<b>0.0106</b>	<b>0.6757</b>	<b>7.8700e-003</b>	<b>0.6836</b>	<b>0.1821</b>	<b>7.3800e-003</b>	<b>0.1895</b>		<b>1,087.5046</b>	<b>1,087.5046</b>	<b>0.0476</b>		<b>1,088.6934</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>	<b>0.0000</b>	<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0557	1.9075	0.4527	5.1000e-003	0.1280	3.8400e-003	0.1318	0.0369	3.6700e-003	0.0405		544.8769	544.8769	0.0330		545.7009
Worker	0.2068	0.1342	1.8460	5.4500e-003	0.5477	4.0300e-003	0.5517	0.1453	3.7100e-003	0.1490		542.6276	542.6276	0.0146		542.9924
<b>Total</b>	<b>0.2625</b>	<b>2.0417</b>	<b>2.2986</b>	<b>0.0106</b>	<b>0.6757</b>	<b>7.8700e-003</b>	<b>0.6836</b>	<b>0.1821</b>	<b>7.3800e-003</b>	<b>0.1895</b>		<b>1,087.5046</b>	<b>1,087.5046</b>	<b>0.0476</b>		<b>1,088.6934</b>

**3.6 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.6842</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>		<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

## Huntington Park Target - South Coast AQMD Air District, Summer

**3.6 Paving - 2021****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
<b>Total</b>	<b>0.0633</b>	<b>0.0411</b>	<b>0.5651</b>	<b>1.6700e-003</b>	<b>0.1677</b>	<b>1.2300e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1400e-003</b>	<b>0.0456</b>		<b>166.1105</b>	<b>166.1105</b>	<b>4.4700e-003</b>		<b>166.2222</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.6842</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>	<b>0.0000</b>	<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.6 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
<b>Total</b>	<b>0.0633</b>	<b>0.0411</b>	<b>0.5651</b>	<b>1.6700e-003</b>	<b>0.1677</b>	<b>1.2300e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1400e-003</b>	<b>0.0456</b>		<b>166.1105</b>	<b>166.1105</b>	<b>4.4700e-003</b>		<b>166.2222</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9412	9.3322	11.6970	0.0179		0.4879	0.4879		0.4500	0.4500		1,709.6892	1,709.6892	0.5419		1,723.2356
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.5621</b>	<b>9.3322</b>	<b>11.6970</b>	<b>0.0179</b>		<b>0.4879</b>	<b>0.4879</b>		<b>0.4500</b>	<b>0.4500</b>		<b>1,709.6892</b>	<b>1,709.6892</b>	<b>0.5419</b>		<b>1,723.2356</b>



Huntington Park Target - South Coast AQMD Air District, Summer

**3.6 Paving - 2022**

**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	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
<b>Total</b>	<b>0.0594</b>	<b>0.0371</b>	<b>0.5225</b>	<b>1.6100e-003</b>	<b>0.1677</b>	<b>1.2000e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1000e-003</b>	<b>0.0456</b>		<b>160.1586</b>	<b>160.1586</b>	<b>4.0400e-003</b>		<b>160.2595</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9412	9.3322	11.6970	0.0179		0.4879	0.4879		0.4500	0.4500	0.0000	1,709.6892	1,709.6892	0.5419		1,723.2356
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.5621</b>	<b>9.3322</b>	<b>11.6970</b>	<b>0.0179</b>		<b>0.4879</b>	<b>0.4879</b>		<b>0.4500</b>	<b>0.4500</b>	<b>0.0000</b>	<b>1,709.6892</b>	<b>1,709.6892</b>	<b>0.5419</b>		<b>1,723.2356</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.6 Paving - 2022**

**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	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
<b>Total</b>	<b>0.0594</b>	<b>0.0371</b>	<b>0.5225</b>	<b>1.6100e-003</b>	<b>0.1677</b>	<b>1.2000e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1000e-003</b>	<b>0.0456</b>		<b>160.1586</b>	<b>160.1586</b>	<b>4.0400e-003</b>		<b>160.2595</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>17.0866</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0274	0.3767	1.1100e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		110.7403	110.7403	2.9800e-003		110.8148
<b>Total</b>	<b>0.0422</b>	<b>0.0274</b>	<b>0.3767</b>	<b>1.1100e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>110.7403</b>	<b>110.7403</b>	<b>2.9800e-003</b>		<b>110.8148</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>17.0866</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0274	0.3767	1.1100e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		110.7403	110.7403	2.9800e-003		110.8148
<b>Total</b>	<b>0.0422</b>	<b>0.0274</b>	<b>0.3767</b>	<b>1.1100e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>110.7403</b>	<b>110.7403</b>	<b>2.9800e-003</b>		<b>110.8148</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>17.0722</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.7 Architectural Coating - 2022**

**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	0.0396	0.0247	0.3484	1.0700e-003	0.1118	8.0000e-004	0.1126	0.0296	7.4000e-004	0.0304		106.7724	106.7724	2.6900e-003		106.8397
<b>Total</b>	<b>0.0396</b>	<b>0.0247</b>	<b>0.3484</b>	<b>1.0700e-003</b>	<b>0.1118</b>	<b>8.0000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.4000e-004</b>	<b>0.0304</b>		<b>106.7724</b>	<b>106.7724</b>	<b>2.6900e-003</b>		<b>106.8397</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>17.0722</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**3.7 Architectural Coating - 2022**

**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	0.0396	0.0247	0.3484	1.0700e-003	0.1118	8.0000e-004	0.1126	0.0296	7.4000e-004	0.0304		106.7724	106.7724	2.6900e-003		106.8397
<b>Total</b>	<b>0.0396</b>	<b>0.0247</b>	<b>0.3484</b>	<b>1.0700e-003</b>	<b>0.1118</b>	<b>8.0000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.4000e-004</b>	<b>0.0304</b>		<b>106.7724</b>	<b>106.7724</b>	<b>2.6900e-003</b>		<b>106.8397</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

Huntington Park Target - South Coast AQMD Air District, 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	9.5226	40.4888	69.5880	0.2079	14.3380	0.1725	14.5105	3.8364	0.1608	3.9973		21,220.1291	21,220.1291	1.3053		21,252.7605
Unmitigated	9.5226	40.4888	69.5880	0.2079	14.3380	0.1725	14.5105	3.8364	0.1608	3.9973		21,220.1291	21,220.1291	1.3053		21,252.7605

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Free-Standing Discount Superstore	355.25	448.49	392.84	708,071	708,071
Parking Lot	0.00	0.00	0.00		
Convenience Market (24 Hour)	5,933.44	6,939.32	6097.94	5,181,605	5,181,605
Total	6,288.69	7,387.81	6,490.78	5,889,675	5,889,675

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
Free-Standing Discount	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Convenience Market (24 Hour)	16.60	8.40	6.90	0.90	80.10	19.00	24	15	61

4.4 Fleet Mix

Huntington Park Target - South Coast AQMD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Free-Standing Discount Superstore	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Convenience Market (24 Hour)	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

**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	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975
NaturalGas Unmitigated	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975



Huntington Park Target - South Coast AQMD Air District, 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					
Convenience Market (24 Hour)	36.1249	3.9000e-004	3.5400e-003	2.9700e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		4.2500	4.2500	8.0000e-005	8.0000e-005	4.2753
Free-Standing Discount Superstore	31.4521	3.4000e-004	3.0800e-003	2.5900e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		3.7002	3.7002	7.0000e-005	7.0000e-005	3.7222
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
<b>Total</b>		<b>7.3000e-004</b>	<b>6.6200e-003</b>	<b>5.5600e-003</b>	<b>4.0000e-005</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>7.9502</b>	<b>7.9502</b>	<b>1.5000e-004</b>	<b>1.5000e-004</b>	<b>7.9975</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Convenience Market (24 Hour)	0.0361249	3.9000e-004	3.5400e-003	2.9700e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		4.2500	4.2500	8.0000e-005	8.0000e-005	4.2753
Free-Standing Discount Superstore	0.0314521	3.4000e-004	3.0800e-003	2.5900e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		3.7002	3.7002	7.0000e-005	7.0000e-005	3.7222
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
<b>Total</b>		<b>7.3000e-004</b>	<b>6.6200e-003</b>	<b>5.5600e-003</b>	<b>4.0000e-005</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>7.9502</b>	<b>7.9502</b>	<b>1.5000e-004</b>	<b>1.5000e-004</b>	<b>7.9975</b>

Huntington Park Target - South Coast AQMD Air District, Summer

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
Unmitigated	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649

Huntington Park Target - South Coast AQMD Air District, Summer

**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	0.0462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6600e-003	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
<b>Total</b>	<b>0.3839</b>	<b>2.6000e-004</b>	<b>0.0285</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0609</b>	<b>0.0609</b>	<b>1.6000e-004</b>		<b>0.0649</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6600e-003	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
<b>Total</b>	<b>0.3839</b>	<b>2.6000e-004</b>	<b>0.0285</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0609</b>	<b>0.0609</b>	<b>1.6000e-004</b>		<b>0.0649</b>

**7.0 Water Detail**

## Huntington Park Target - South Coast AQMD Air District, Summer

---

**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**

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**

---

Huntington Park Target - South Coast AQMD Air District, Winter

**Huntington Park Target**  
**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Free-Standing Discount Superstore	7.00	1000sqft	0.16	7,000.00	0
Parking Lot	263.00	Space	2.37	105,200.00	0
Convenience Market (24 Hour)	8.04	1000sqft	0.18	8,040.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	11			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

## Huntington Park Target - South Coast AQMD Air District, Winter

Project Characteristics -

Land Use -

Construction Phase -

Demolition -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Architectural Coating -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	PhaseEndDate	10/6/2021	1/11/2022
tblConstructionPhase	PhaseEndDate	9/8/2021	12/24/2021
tblConstructionPhase	PhaseEndDate	10/22/2020	2/4/2021
tblConstructionPhase	PhaseEndDate	11/4/2020	2/22/2021
tblConstructionPhase	PhaseEndDate	9/22/2021	1/11/2022
tblConstructionPhase	PhaseEndDate	10/27/2020	1/12/2021
tblConstructionPhase	PhaseStartDate	9/23/2021	12/29/2021
tblConstructionPhase	PhaseStartDate	11/5/2020	2/21/2021
tblConstructionPhase	PhaseStartDate	9/25/2020	1/8/2021
tblConstructionPhase	PhaseStartDate	10/28/2020	2/15/2021
tblConstructionPhase	PhaseStartDate	9/9/2021	12/29/2021
tblConstructionPhase	PhaseStartDate	10/23/2020	1/8/2021

## 2.0 Emissions Summary

---



Huntington Park Target - South Coast AQMD Air District, 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	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
Energy	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975
Mobile	8.9818	40.3289	70.3462	0.1957	14.3380	0.1755	14.5136	3.8364	0.1638	4.0002		19,966.6206	19,966.6206	1.3609		20,000.6436
<b>Total</b>	<b>9.3664</b>	<b>40.3358</b>	<b>70.3803</b>	<b>0.1957</b>	<b>14.3380</b>	<b>0.1761</b>	<b>14.5142</b>	<b>3.8364</b>	<b>0.1644</b>	<b>4.0008</b>		<b>19,974.6317</b>	<b>19,974.6317</b>	<b>1.3612</b>	<b>1.5000e-004</b>	<b>20,008.7060</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
Energy	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975
Mobile	8.9818	40.3289	70.3462	0.1957	14.3380	0.1755	14.5136	3.8364	0.1638	4.0002		19,966.6206	19,966.6206	1.3609		20,000.6436
<b>Total</b>	<b>9.3664</b>	<b>40.3358</b>	<b>70.3803</b>	<b>0.1957</b>	<b>14.3380</b>	<b>0.1761</b>	<b>14.5142</b>	<b>3.8364</b>	<b>0.1644</b>	<b>4.0008</b>		<b>19,974.6317</b>	<b>19,974.6317</b>	<b>1.3612</b>	<b>1.5000e-004</b>	<b>20,008.7060</b>



## Huntington Park Target - South Coast AQMD Air District, 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	1/8/2021	2/4/2021	5	20	
2	Site Preparation	Site Preparation	1/8/2021	1/12/2021	5	3	
3	Grading	Grading	2/15/2021	2/22/2021	5	6	
4	Building Construction	Building Construction	2/21/2021	12/24/2021	5	220	
5	Paving	Paving	12/29/2021	1/11/2022	5	10	
6	Architectural Coating	Architectural Coating	12/29/2021	1/11/2022	5	10	

**Acres of Grading (Site Preparation Phase): 4.5**

**Acres of Grading (Grading Phase): 3**

**Acres of Paving: 2.37**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 22,560; Non-Residential Outdoor: 7,520; Striped Parking Area: 6,312 (Architectural Coating – sqft)**

#### OffRoad Equipment

## Huntington Park Target - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Site Preparation	Graders	1	8.00	187	0.41
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	3	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Huntington Park Target - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	49.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	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
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Replace Ground Cover

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8074	0.0000	1.8074	0.2737	0.0000	0.2737			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>	<b>1.8074</b>	<b>1.0409</b>	<b>2.8483</b>	<b>0.2737</b>	<b>0.9715</b>	<b>1.2451</b>		<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0623	2.1376	0.4800	6.2800e-003	0.1459	6.6500e-003	0.1526	0.0400	6.3600e-003	0.0464		679.8531	679.8531	0.0482		681.0572
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	0.0600	0.0390	0.4401	1.3500e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		134.6368	134.6368	3.6100e-003		134.7270
<b>Total</b>	<b>0.1223</b>	<b>2.1765</b>	<b>0.9201</b>	<b>7.6300e-003</b>	<b>0.2912</b>	<b>7.7200e-003</b>	<b>0.2989</b>	<b>0.0785</b>	<b>7.3500e-003</b>	<b>0.0859</b>		<b>814.4899</b>	<b>814.4899</b>	<b>0.0518</b>		<b>815.7842</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8074	0.0000	1.8074	0.2737	0.0000	0.2737			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>	<b>1.8074</b>	<b>1.0409</b>	<b>2.8483</b>	<b>0.2737</b>	<b>0.9715</b>	<b>1.2451</b>	<b>0.0000</b>	<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0623	2.1376	0.4800	6.2800e-003	0.1459	6.6500e-003	0.1526	0.0400	6.3600e-003	0.0464		679.8531	679.8531	0.0482		681.0572
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	0.0600	0.0390	0.4401	1.3500e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		134.6368	134.6368	3.6100e-003		134.7270
<b>Total</b>	<b>0.1223</b>	<b>2.1765</b>	<b>0.9201</b>	<b>7.6300e-003</b>	<b>0.2912</b>	<b>7.7200e-003</b>	<b>0.2989</b>	<b>0.0785</b>	<b>7.3500e-003</b>	<b>0.0859</b>		<b>814.4899</b>	<b>814.4899</b>	<b>0.0518</b>		<b>815.7842</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.8832	2,372.8832	0.7674		2,392.0692
<b>Total</b>	<b>1.5463</b>	<b>18.2862</b>	<b>10.7496</b>	<b>0.0245</b>	<b>1.5908</b>	<b>0.7019</b>	<b>2.2926</b>	<b>0.1718</b>	<b>0.6457</b>	<b>0.8175</b>		<b>2,372.8832</b>	<b>2,372.8832</b>	<b>0.7674</b>		<b>2,392.0692</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
<b>Total</b>	<b>0.0369</b>	<b>0.0240</b>	<b>0.2708</b>	<b>8.3000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>82.8534</b>	<b>82.8534</b>	<b>2.2200e-003</b>		<b>82.9089</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457	0.0000	2,372.8832	2,372.8832	0.7674		2,392.0692
<b>Total</b>	<b>1.5463</b>	<b>18.2862</b>	<b>10.7496</b>	<b>0.0245</b>	<b>1.5908</b>	<b>0.7019</b>	<b>2.2926</b>	<b>0.1718</b>	<b>0.6457</b>	<b>0.8175</b>	<b>0.0000</b>	<b>2,372.8832</b>	<b>2,372.8832</b>	<b>0.7674</b>		<b>2,392.0692</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
<b>Total</b>	<b>0.0369</b>	<b>0.0240</b>	<b>0.2708</b>	<b>8.3000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>82.8534</b>	<b>82.8534</b>	<b>2.2200e-003</b>		<b>82.9089</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.6114	1,995.6114	0.6454		2,011.7470
<b>Total</b>	<b>1.8271</b>	<b>20.2135</b>	<b>9.7604</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9158</b>	<b>7.4681</b>	<b>3.3675</b>	<b>0.8425</b>	<b>4.2100</b>		<b>1,995.6114</b>	<b>1,995.6114</b>	<b>0.6454</b>		<b>2,011.7470</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0300	0.3385	1.0400e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		103.5668	103.5668	2.7800e-003		103.6362
<b>Total</b>	<b>0.0461</b>	<b>0.0300</b>	<b>0.3385</b>	<b>1.0400e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>103.5668</b>	<b>103.5668</b>	<b>2.7800e-003</b>		<b>103.6362</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
<b>Total</b>	<b>1.8271</b>	<b>20.2135</b>	<b>9.7604</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9158</b>	<b>7.4681</b>	<b>3.3675</b>	<b>0.8425</b>	<b>4.2100</b>	<b>0.0000</b>	<b>1,995.6114</b>	<b>1,995.6114</b>	<b>0.6454</b>		<b>2,011.7470</b>



Huntington Park Target - South Coast AQMD Air District, Winter

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0300	0.3385	1.0400e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		103.5668	103.5668	2.7800e-003		103.6362
<b>Total</b>	<b>0.0461</b>	<b>0.0300</b>	<b>0.3385</b>	<b>1.0400e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>103.5668</b>	<b>103.5668</b>	<b>2.7800e-003</b>		<b>103.6362</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>		<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0586	1.9015	0.5065	4.9600e-003	0.1280	3.9600e-003	0.1320	0.0369	3.7900e-003	0.0406		529.1004	529.1004	0.0354		529.9854
Worker	0.2260	0.1468	1.6589	5.0900e-003	0.5477	4.0300e-003	0.5517	0.1453	3.7100e-003	0.1490		507.4773	507.4773	0.0136		507.8173
<b>Total</b>	<b>0.2846</b>	<b>2.0483</b>	<b>2.1654</b>	<b>0.0101</b>	<b>0.6757</b>	<b>7.9900e-003</b>	<b>0.6837</b>	<b>0.1821</b>	<b>7.5000e-003</b>	<b>0.1896</b>		<b>1,036.5776</b>	<b>1,036.5776</b>	<b>0.0490</b>		<b>1,037.8027</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>	<b>0.0000</b>	<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0586	1.9015	0.5065	4.9600e-003	0.1280	3.9600e-003	0.1320	0.0369	3.7900e-003	0.0406		529.1004	529.1004	0.0354		529.9854
Worker	0.2260	0.1468	1.6589	5.0900e-003	0.5477	4.0300e-003	0.5517	0.1453	3.7100e-003	0.1490		507.4773	507.4773	0.0136		507.8173
<b>Total</b>	<b>0.2846</b>	<b>2.0483</b>	<b>2.1654</b>	<b>0.0101</b>	<b>0.6757</b>	<b>7.9900e-003</b>	<b>0.6837</b>	<b>0.1821</b>	<b>7.5000e-003</b>	<b>0.1896</b>		<b>1,036.5776</b>	<b>1,036.5776</b>	<b>0.0490</b>		<b>1,037.8027</b>

**3.6 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.6842</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>		<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.6 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
<b>Total</b>	<b>0.0692</b>	<b>0.0450</b>	<b>0.5078</b>	<b>1.5600e-003</b>	<b>0.1677</b>	<b>1.2300e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1400e-003</b>	<b>0.0456</b>		<b>155.3502</b>	<b>155.3502</b>	<b>4.1600e-003</b>		<b>155.4543</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.6842</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>	<b>0.0000</b>	<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.6 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
<b>Total</b>	<b>0.0692</b>	<b>0.0450</b>	<b>0.5078</b>	<b>1.5600e-003</b>	<b>0.1677</b>	<b>1.2300e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1400e-003</b>	<b>0.0456</b>		<b>155.3502</b>	<b>155.3502</b>	<b>4.1600e-003</b>		<b>155.4543</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9412	9.3322	11.6970	0.0179		0.4879	0.4879		0.4500	0.4500		1,709.6892	1,709.6892	0.5419		1,723.2356
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.5621</b>	<b>9.3322</b>	<b>11.6970</b>	<b>0.0179</b>		<b>0.4879</b>	<b>0.4879</b>		<b>0.4500</b>	<b>0.4500</b>		<b>1,709.6892</b>	<b>1,709.6892</b>	<b>0.5419</b>		<b>1,723.2356</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.6 Paving - 2022**

**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	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
<b>Total</b>	<b>0.0651</b>	<b>0.0406</b>	<b>0.4687</b>	<b>1.5000e-003</b>	<b>0.1677</b>	<b>1.2000e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1000e-003</b>	<b>0.0456</b>		<b>149.7805</b>	<b>149.7805</b>	<b>3.7600e-003</b>		<b>149.8745</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9412	9.3322	11.6970	0.0179		0.4879	0.4879		0.4500	0.4500	0.0000	1,709.6892	1,709.6892	0.5419		1,723.2356
Paving	0.6209					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.5621</b>	<b>9.3322</b>	<b>11.6970</b>	<b>0.0179</b>		<b>0.4879</b>	<b>0.4879</b>		<b>0.4500</b>	<b>0.4500</b>	<b>0.0000</b>	<b>1,709.6892</b>	<b>1,709.6892</b>	<b>0.5419</b>		<b>1,723.2356</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.6 Paving - 2022**

**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	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
<b>Total</b>	<b>0.0651</b>	<b>0.0406</b>	<b>0.4687</b>	<b>1.5000e-003</b>	<b>0.1677</b>	<b>1.2000e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1000e-003</b>	<b>0.0456</b>		<b>149.7805</b>	<b>149.7805</b>	<b>3.7600e-003</b>		<b>149.8745</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>17.0866</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0300	0.3385	1.0400e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		103.5668	103.5668	2.7800e-003		103.6362
<b>Total</b>	<b>0.0461</b>	<b>0.0300</b>	<b>0.3385</b>	<b>1.0400e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>103.5668</b>	<b>103.5668</b>	<b>2.7800e-003</b>		<b>103.6362</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>17.0866</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>



Huntington Park Target - South Coast AQMD Air District, Winter

**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0300	0.3385	1.0400e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304		103.5668	103.5668	2.7800e-003		103.6362
<b>Total</b>	<b>0.0461</b>	<b>0.0300</b>	<b>0.3385</b>	<b>1.0400e-003</b>	<b>0.1118</b>	<b>8.2000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.6000e-004</b>	<b>0.0304</b>		<b>103.5668</b>	<b>103.5668</b>	<b>2.7800e-003</b>		<b>103.6362</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>17.0722</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.7 Architectural Coating - 2022**

**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	0.0434	0.0271	0.3125	1.0000e-003	0.1118	8.0000e-004	0.1126	0.0296	7.4000e-004	0.0304		99.8537	99.8537	2.5100e-003		99.9163
<b>Total</b>	<b>0.0434</b>	<b>0.0271</b>	<b>0.3125</b>	<b>1.0000e-003</b>	<b>0.1118</b>	<b>8.0000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.4000e-004</b>	<b>0.0304</b>		<b>99.8537</b>	<b>99.8537</b>	<b>2.5100e-003</b>		<b>99.9163</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.8677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>17.0722</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Huntington Park Target - South Coast AQMD Air District, Winter

**3.7 Architectural Coating - 2022**

**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	0.0434	0.0271	0.3125	1.0000e-003	0.1118	8.0000e-004	0.1126	0.0296	7.4000e-004	0.0304		99.8537	99.8537	2.5100e-003		99.9163
<b>Total</b>	<b>0.0434</b>	<b>0.0271</b>	<b>0.3125</b>	<b>1.0000e-003</b>	<b>0.1118</b>	<b>8.0000e-004</b>	<b>0.1126</b>	<b>0.0296</b>	<b>7.4000e-004</b>	<b>0.0304</b>		<b>99.8537</b>	<b>99.8537</b>	<b>2.5100e-003</b>		<b>99.9163</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

Huntington Park Target - South Coast AQMD Air District, 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	8.9818	40.3289	70.3462	0.1957	14.3380	0.1755	14.5136	3.8364	0.1638	4.0002		19,966.6206	19,966.6206	1.3609		20,000.6436
Unmitigated	8.9818	40.3289	70.3462	0.1957	14.3380	0.1755	14.5136	3.8364	0.1638	4.0002		19,966.6206	19,966.6206	1.3609		20,000.6436

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Free-Standing Discount Superstore	355.25	448.49	392.84	708,071	708,071
Parking Lot	0.00	0.00	0.00		
Convenience Market (24 Hour)	5,933.44	6,939.32	6097.94	5,181,605	5,181,605
Total	6,288.69	7,387.81	6,490.78	5,889,675	5,889,675

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
Free-Standing Discount	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Convenience Market (24 Hour)	16.60	8.40	6.90	0.90	80.10	19.00	24	15	61

4.4 Fleet Mix

Huntington Park Target - South Coast AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Free-Standing Discount Superstore	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Convenience Market (24 Hour)	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

**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	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975
NaturalGas Unmitigated	7.3000e-004	6.6300e-003	5.5700e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9502	7.9502	1.5000e-004	1.5000e-004	7.9975

Huntington Park Target - South Coast AQMD Air District, 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					
Convenience Market (24 Hour)	36.1249	3.9000e-004	3.5400e-003	2.9700e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		4.2500	4.2500	8.0000e-005	8.0000e-005	4.2753
Free-Standing Discount Superstore	31.4521	3.4000e-004	3.0800e-003	2.5900e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		3.7002	3.7002	7.0000e-005	7.0000e-005	3.7222
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
<b>Total</b>		<b>7.3000e-004</b>	<b>6.6200e-003</b>	<b>5.5600e-003</b>	<b>4.0000e-005</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>7.9502</b>	<b>7.9502</b>	<b>1.5000e-004</b>	<b>1.5000e-004</b>	<b>7.9975</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Convenience Market (24 Hour)	0.0361249	3.9000e-004	3.5400e-003	2.9700e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		4.2500	4.2500	8.0000e-005	8.0000e-005	4.2753
Free-Standing Discount Superstore	0.0314521	3.4000e-004	3.0800e-003	2.5900e-003	2.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		3.7002	3.7002	7.0000e-005	7.0000e-005	3.7222
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
<b>Total</b>		<b>7.3000e-004</b>	<b>6.6200e-003</b>	<b>5.5600e-003</b>	<b>4.0000e-005</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>5.0000e-004</b>	<b>5.0000e-004</b>		<b>7.9502</b>	<b>7.9502</b>	<b>1.5000e-004</b>	<b>1.5000e-004</b>	<b>7.9975</b>

Huntington Park Target - South Coast AQMD Air District, Winter

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
Unmitigated	0.3839	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649

Huntington Park Target - South Coast AQMD Air District, Winter

**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	0.0462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6600e-003	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
<b>Total</b>	<b>0.3839</b>	<b>2.6000e-004</b>	<b>0.0285</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0609</b>	<b>0.0609</b>	<b>1.6000e-004</b>		<b>0.0649</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0462					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3351					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6600e-003	2.6000e-004	0.0285	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0609	0.0609	1.6000e-004		0.0649
<b>Total</b>	<b>0.3839</b>	<b>2.6000e-004</b>	<b>0.0285</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0609</b>	<b>0.0609</b>	<b>1.6000e-004</b>		<b>0.0649</b>

**7.0 Water Detail**



## Huntington Park Target - South Coast AQMD Air District, Winter

---

**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**

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**

---

## Huntington Park Target South Coast AQMD Air District, Mitigation Report

### Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	2	No Change	0.00
Graders	Diesel	No Change	0	2	No Change	0.00
Pavers	Diesel	No Change	0	1	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	8	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Paving Equipment	Diesel	No Change	0	1	No Change	0.00
Welders	Diesel	No Change	0	3	No Change	0.00
Scrapers	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	1.04000E-003	7.22000E-003	9.07000E-003	1.00000E-005	4.30000E-004	4.30000E-004	0.00000E+000	1.27663E+000	1.27663E+000	8.00000E-005	0.00000E+000	1.27874E+000
Cement and Mortar Mixers	2.90000E-004	1.84000E-003	1.54000E-003	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	2.29140E+001	2.29140E+001	2.00000E-005	0.00000E+000	2.29730E+001
Concrete/Industrial Saws	3.85000E-003	3.03800E-002	3.67400E-002	6.00000E-005	1.73000E-003	1.73000E-003	0.00000E+000	5.37656E+000	5.37656E+000	3.10000E-004	0.00000E+000	5.38437E+000
Cranes	4.54200E-002	5.33430E-001	2.18110E-001	6.30000E-004	2.16600E-002	1.99200E-002	0.00000E+000	5.57567E+001	5.57567E+001	1.80300E-002	0.00000E+000	5.62075E+001
Forklifts	2.49000E-002	2.26980E-001	2.24810E-001	2.90000E-004	1.61100E-002	1.48200E-002	0.00000E+000	2.58511E+001	2.58511E+001	8.36000E-003	0.00000E+000	2.60601E+001
Generator Sets	3.93100E-002	3.48280E-001	4.05320E-001	7.20000E-004	1.84500E-002	1.84500E-002	0.00000E+000	6.21728E+001	6.21728E+001	3.17000E-003	0.00000E+000	6.22521E+001
Graders	2.04000E-003	2.66600E-002	7.95000E-003	3.00000E-005	8.40000E-004	7.80000E-004	0.00000E+000	2.61957E+000	2.61957E+000	8.50000E-004	0.00000E+000	2.64075E+000
Pavers	1.09000E-003	1.12400E-002	1.44500E-002	2.00000E-005	5.40000E-004	4.90000E-004	0.00000E+000	2.06475E+000	2.06475E+000	6.70000E-004	0.00000E+000	2.08144E+000
Paving Equipment	9.10000E-004	8.99000E-003	1.27200E-002	2.00000E-005	4.40000E-004	4.10000E-004	0.00000E+000	1.78926E+000	1.78926E+000	5.80000E-004	0.00000E+000	1.80373E+000
Rollers	1.73000E-003	1.78500E-002	1.86600E-002	3.00000E-005	1.05000E-003	9.70000E-004	0.00000E+000	2.30515E+000	2.30515E+000	7.50000E-004	0.00000E+000	2.32379E+000
Rubber Tired Dozers	1.36000E-002	1.42630E-001	5.24900E-002	1.10000E-004	6.92000E-003	6.37000E-003	0.00000E+000	9.75730E+000	9.75730E+000	3.16000E-003	0.00000E+000	9.83619E+000
Scrapers	1.39000E-003	1.60500E-002	1.05100E-002	2.00000E-005	6.20000E-004	5.70000E-004	0.00000E+000	1.99750E+000	1.99750E+000	6.50000E-004	0.00000E+000	2.01365E+000
Tractors/Loaders/Backhoes	2.31500E-002	2.34430E-001	2.80330E-001	3.90000E-004	1.37900E-002	1.26900E-002	0.00000E+000	3.38667E+001	3.38667E+001	1.09500E-002	0.00000E+000	3.41405E+001
Welders	9.98800E-002	4.97940E-001	5.67210E-001	8.40000E-004	2.44600E-002	2.44600E-002	0.00000E+000	6.21128E+001	6.21128E+001	8.09000E-003	0.00000E+000	6.23150E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.04000E-003	7.22000E-003	9.07000E-003	1.00000E-005	4.30000E-004	4.30000E-004	0.00000E+000	1.27663E+000	1.27663E+000	8.00000E-005	0.00000E+000	1.27874E+000
Cement and Mortar Mixers	2.90000E-004	1.84000E-003	1.54000E-003	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	2.29140E-001	2.29140E-001	2.00000E-005	0.00000E+000	2.29730E-001
Concrete/Industrial Saws	3.85000E-003	3.03800E-002	3.67400E-002	6.00000E-005	1.73000E-003	1.73000E-003	0.00000E+000	5.37656E+000	5.37656E+000	3.10000E-004	0.00000E+000	5.38436E+000
Cranes	4.54200E-002	5.33430E-001	2.18110E-001	6.30000E-004	2.16600E-002	1.99200E-002	0.00000E+000	5.57567E+001	5.57567E+001	1.80300E-002	0.00000E+000	5.62075E+001
Forklifts	2.49000E-002	2.26980E-001	2.24810E-001	2.90000E-004	1.61100E-002	1.48200E-002	0.00000E+000	2.58511E+001	2.58511E+001	8.36000E-003	0.00000E+000	2.60601E+001
Generator Sets	3.93100E-002	3.48280E-001	4.05320E-001	7.20000E-004	1.84500E-002	1.84500E-002	0.00000E+000	6.21728E+001	6.21728E+001	3.17000E-003	0.00000E+000	6.22521E+001
Graders	2.04000E-003	2.66600E-002	7.95000E-003	3.00000E-005	8.40000E-004	7.80000E-004	0.00000E+000	2.61956E+000	2.61956E+000	8.50000E-004	0.00000E+000	2.64074E+000
Pavers	1.09000E-003	1.12400E-002	1.44500E-002	2.00000E-005	5.40000E-004	4.90000E-004	0.00000E+000	2.06474E+000	2.06474E+000	6.70000E-004	0.00000E+000	2.08144E+000
Paving Equipment	9.10000E-004	8.99000E-003	1.27200E-002	2.00000E-005	4.40000E-004	4.10000E-004	0.00000E+000	1.78926E+000	1.78926E+000	5.80000E-004	0.00000E+000	1.80373E+000
Rollers	1.73000E-003	1.78500E-002	1.86600E-002	3.00000E-005	1.05000E-003	9.70000E-004	0.00000E+000	2.30515E+000	2.30515E+000	7.50000E-004	0.00000E+000	2.32379E+000
Rubber Tired Dozers	1.36000E-002	1.42630E-001	5.24900E-002	1.10000E-004	6.92000E-003	6.37000E-003	0.00000E+000	9.75729E+000	9.75729E+000	3.16000E-003	0.00000E+000	9.83618E+000
Scrapers	1.39000E-003	1.60500E-002	1.05100E-002	2.00000E-005	6.20000E-004	5.70000E-004	0.00000E+000	1.99750E+000	1.99750E+000	6.50000E-004	0.00000E+000	2.01365E+000
Tractors/Loaders/Backhoes	2.31500E-002	2.34430E-001	2.80330E-001	3.90000E-004	1.37900E-002	1.26900E-002	0.00000E+000	3.38666E+001	3.38666E+001	1.09500E-002	0.00000E+000	3.41405E+001
Welders	9.98800E-002	4.97940E-001	5.67210E-001	8.40000E-004	2.44600E-002	2.44600E-002	0.00000E+000	6.21127E+001	6.21127E+001	8.09000E-003	0.00000E+000	6.23149E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.85723E-006
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.25545E-006	1.25545E-006	0.00000E+000	0.00000E+000	1.06747E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16049E-006	1.16049E-006	0.00000E+000	0.00000E+000	1.15119E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.12589E-006	1.12589E-006	0.00000E+000	0.00000E+000	1.28510E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.81742E-006	3.81742E-006	0.00000E+000	0.00000E+000	3.78680E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.84320E-006	4.84320E-006	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.02487E-006	1.02487E-006	0.00000E+000	0.00000E+000	1.01665E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18110E-006	1.18110E-006	0.00000E+000	0.00000E+000	1.17163E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.28798E-006	1.28798E-006	0.00000E+000	0.00000E+000	1.28380E-006

**Fugitive Dust Mitigation**

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction
Yes	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction
No	Water Exposed Area	PM10 Reduction	0.00	PM2.5 Reduction
				Frequency (per day)

No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.07	0.02	0.07	0.02	0.00	0.00
Demolition	Fugitive Dust	0.02	0.00	0.02	0.00	0.00	0.00
Demolition	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.02	0.01	0.02	0.01	0.00	0.00
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

**Operational Percent Reduction Summary**

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Operational Mobile Mitigation**

Project Setting: Urban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.07	0.27		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			



No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	7.70		
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	15.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

**Area Mitigation**

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

**Energy Mitigation Measures**

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

**Water Mitigation Measures**

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

**Solid Waste Mitigation**

Mitigation Measures	Input Value
---------------------	-------------

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	
--	--