

September 6, 2019

Mr. Chris Overton
300 E. Dakota Court
San Dimas, CA 91773

SUBJECT: TENTATIVE PARCEL MAP 20121 FOCUSED AIR QUALITY MEMO

Dear Mr. Chris Overton:

Urban Crossroads, Inc. is pleased to submit this Air Quality Memo to Mr. Chris Overton (Client) for the proposed Tentative Parcel Map 20121 development (Project), which is located at 4552 Haven Avenue in unincorporated County of San Bernardino in the City of Rancho Cucamonga sphere of influence.

SUMMARY OF FINDINGS

Results of the Memo indicate the construction and operations of the Project would result in less than significant impacts associated with air quality emissions.

PROJECT DESCRIPTION

It is our understanding that the Project intends to subdivide a 4.3-acre lot into 4 residential lots.

STANDARD REGULATORY REQUIREMENTS/BEST AVAILABLE CONTROL MEASURES (BACMs)

South Coast Air Quality Management District (SCAQMD) Rules that are currently applicable during construction activity for this Project include but are not limited to Rule 403 (Fugitive Dust) (1), Rule 1113 (Architectural Coatings) (2), Rule 445 (Wood Burning Devices).

BACM AQ-1

All applicable measures included in Rule 403, shall be incorporated into Project plans and specifications as implementation of Rule 403, which include but are not limited to (1):

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

BACM AQ-2

The following measures shall be incorporated into Project plans and specifications as implementation of SCAQMD Rule 1113 (2):

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

BACM AQ-3

The following measures shall be incorporated into Project plans and specifications as implementation of SCAQMD Rule 445 (3):

- Rule 445 prohibits the use of wood burning stoves and fireplaces in new development

CONSTRUCTION AND OPERATIONAL-SOURCE MITIGATION MEASURES

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

CALIFORNIA EMISSIONS ESTIMATOR MODEL™ EMPLOYED TO ESTIMATE AQ EMISSIONS

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

On October 17, 2017, the SCAQMD in conjunction with the California Air Pollution Control Officers Association (CAPCOA) and other California air districts, released the latest version of the California Emissions Estimator Model™ (CalEEMod) v2016.3.2. The purpose of this model is to more accurately calculate construction-source and operational-source criteria pollutant (Nitrogen Oxides (NO_x), VOC, Particulate Matter less than 10 microns (PM₁₀), Particulate Matter less than 2.5 microns (PM_{2.5}), Sulfur Oxides (SO_x), and Carbon Monoxide (CO)) and GHG emissions from direct and indirect sources; and quantify applicable air quality reductions achieved from mitigation measures. Accordingly, the latest version of CalEEMod has been used for this Project to determine construction and operational impacts related to the Project. Air quality outputs from the model runs are provided in Attachments A.

Emission Factors Model

On August 19, 2019, the Environmental Protection Agency (EPA) approved the 2017 version of the Emission Factor model (EMFAC) web database for use in State Implementation Plan and transportation conformity analyses. EMFAC2017 is a mathematical model that was developed to calculate emission rates, fuel consumption, VMT from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the California Air Resources Board (CARB) to project changes in future emissions from on-road mobile sources (4). This air quality memo utilizes summer, winter, and annual EMFAC2017 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season.

AIR QUALITY

REGIONAL CONSTRUCTION EMISSIONS

Construction Duration

The construction schedule utilized in the analysis, shown in Table 1. The duration of construction activity was based on an anticipated November 2019 construction start date and a 2021 Opening Year provided by the Project applicant.

TABLE 1: CONSTRUCTION DURATION

Phase Name	Start Date	End Date	Days
Site Preparation	11/01/2019	11/07/2019	5
Grading	12/06/2019	12/17/2019	8
Building Construction	12/18/2019	11/03/2020	230
Paving	11/04/2020	11/27/2020	18
Architectural Coating	11/04/2020	11/27/2020	18

Grading Activities

The Project is anticipated to include soil export as a part of Project grading activities. Based on information provided by the Project applicant, the Project is expected require 11,790 cubic yards soil export. For purposes of analysis, the 11,790 cubic yards of export along with a model default hauling trip length of 20 miles has been utilized.

Construction Equipment

Equipment employed for Project construction activities are based on CalEEMod defaults, as shown on Table 2. The Project construction fleet may vary due to specific Project needs at any given time.

TABLE 2: CONSTRUCTION EQUIPMENT (1 OF 2)

Activity	Equipment	Amount	Hours Per Day
Site Preparation	Rubber Tired Dozers	3	8
	Tractors/Loaders/Backhoes	4	8
Grading	Excavators	1	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Tractors/Loaders/Backhoes	3	8

TABLE 2: CONSTRUCTION EQUIPMENT (2 OF 2)

Activity	Equipment	Amount	Hours Per Day
Building Construction	Cranes	1	8
	Forklifts	3	8
	Generator Sets	1	8
	Tractors/Loaders/Backhoes	3	8
	Welders	1	8
Paving	Cement and Mortar Mixers	2	8
	Pavers	1	8
	Paving Equipment	2	8
	Rollers	2	8
	Tractors/Loaders/Backhoes	1	8
Architectural Coating	Air Compressors	1	8

Regional Construction Emission Impacts without Mitigation

CalEEMod calculates maximum daily emissions for summer and winter periods. The estimated maximum daily construction emissions without mitigation are summarized on Table 3. Under the assumed scenarios, emissions resulting from the Project construction will not exceed criteria pollutant thresholds established by the SCAQMD for emissions of any criteria pollutant.

TABLE 3: REGIONAL CONSTRUCTION EMISSIONS SUMMARY (WITHOUT MITIGATION)

Year	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
2020	4.44	77.06	24.08	0.18	10.26	6.19
2021	6.64	24.08	22.00	0.05	2.26	1.42
Winter						
2020	4.44	77.38	24.99	0.17	10.26	6.19
2021	6.64	24.07	21.49	0.04	2.26	1.42
Maximum Daily Emissions	6.64	77.38	24.99	0.18	10.26	6.19
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

lbs/day = Pounds Per Day

REGIONAL OPERATIONAL EMISSIONS

Regional Operational Emission Impacts without Mitigation

Table 4 summarizes the Project's daily regional emissions from on-going operations. During operational activity, the Project will not exceed any of the thresholds of significance. Thus, a less than significant impact would occur for Project-related operational-source emissions and no mitigation is required.

TABLE 4: REGIONAL OPERATIONAL EMISSIONS SUMMARY (WITHOUT MITIGATION)

Operational Activities – Summer Scenario	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Area Source	0.41	0.09	1.36	3.64E-03	0.17	0.17
Energy Source	2.08e-03	0.02	7.55e-03	1.10e-04	1.44e-03	1.44e-03
Mobile	0.14	0.50	1.31	3.58e-03	0.29	0.08
Total Maximum Daily Emissions	0.55	0.60	2.68	0.01	0.46	0.25
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO
Operational Activities – Winter Scenario	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Area Source	0.41	0.09	1.36	3.64E-03	0.17	0.17
Energy Source	2.08e-03	0.02	7.55e-03	1.10e-04	1.44e-03	1.44e-03
Mobile	0.13	0.52	1.14	3.35e-03	0.29	0.08
Total Maximum Daily Emissions	0.54	0.62	2.50	0.01	0.46	0.25
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

LOCALIZED CONSTRUCTION EMISSIONS SUMMARY

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology) (5). The SCAQMD has established that impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs). The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4¹. LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable federal or state ambient

¹ The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "...equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

Project-related Sensitive Receptors

Sensitive receptors in the Project study area include existing residential homes. The SCAQMD recommends that the nearest sensitive receptor be considered when determining the Project's potential to cause an individual and cumulatively significant impact. As such, the nearest sensitive receptor is located approximately 490 feet/149 meters northwest of the Project site at 10330 Snowdrop Road. As such, the 149-meter distance has been used to evaluate localized construction and operational air quality impacts for emissions of NO₂, CO, PM₁₀ and PM_{2.5}.

Localized Construction Emission Impacts without Mitigation

Table 5 identifies the localized impacts at the nearest receptor location in the vicinity of the Project. Under the assumed scenarios, emissions resulting from the Project construction will not exceed criteria pollutant thresholds established by the SCAQMD for emissions of any criteria pollutant.

TABLE 5: LOCALIZED SIGNIFICANCE SUMMARY OF CONSTRUCTION (WITHOUT MITIGATION)

On-Site Site Preparation Emissions	Emissions (lbs/day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	45.57	22.06	10.06	6.14
SCAQMD Localized Threshold	205	2,199	28	10
Threshold Exceeded?	NO	NO	NO	NO
On-Site Grading Emissions	Emissions (lbs/day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	28.35	16.29	4.22	2.63
SCAQMD Localized Threshold	179	1,865	29	9
Threshold Exceeded?	NO	NO	NO	NO

LOCALIZED OPERATIONAL EMISSIONS SUMMARY

Localized Operational Emission Impacts without Mitigation

Table 6 shows the calculated emissions for the Project's operational activities compared with the applicable LSTs. The LST analysis includes on-site sources only; however, CalEEMod outputs do not separate on-site and off-site emissions from mobile sources. In an effort to establish a maximum potential impact scenario for analytic purposes, the emissions shown on Table 6 represent all on-site Project-related stationary (area) sources and five percent (5%) of the Project-related mobile sources. Modeling based on these assumptions demonstrates that even within broad encompassing parameters, Project operational-source emissions would not exceed applicable LSTs.

TABLE 6: LOCALIZED SIGNIFICANCE SUMMARY OF OPERATIONS (WITHOUT MITIGATION)

Operational Activity	Emissions (pounds per day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	0.13	143	0.18	0.17
SCAQMD Localized Threshold	314	3,705	14	4
Threshold Exceeded?	NO	NO	NO	NO

CO “HOT SPOT” ANALYSIS

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

An adverse CO concentration, known as a “hot spot”, would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur. At the time of the 1993 Handbook, the South Coast Air Basin (SCAB) was designated nonattainment under the CAAQS and NAAQS for CO (6).

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

To establish a more accurate record of baseline CO concentrations affecting the SCAB, a CO “hot spot” analysis was conducted in 2003 for four busy intersections in Los Angeles at the peak morning and afternoon time periods. This “hot spot” analysis did not predict any violation of CO standards, as shown on Table 7.

TABLE 7: CO MODEL RESULTS

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

Based on the SCAQMD's 2003 AQMP and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SCAB were a result of unusual meteorological and topographical conditions and not a result of traffic volumes and congestion at a particular intersection. As evidence of this, for example, 9.3 ppm 8-hr CO concentration measured at the Long Beach Blvd. and Imperial Hwy. intersection (highest CO generating intersection within the “hot spot” analysis), only 0.7 ppm was attributable to the traffic volumes and congestion at this intersection; the remaining 8.6 ppm were due to the ambient air measurements at the time the 2003 AQMP was prepared (7). In contrast, the ambient 8-hr CO concentration within the Project study area is estimated at 1.4 ppm—1.6 ppm (please refer to previous Table 2-3). Therefore, even if the traffic volumes for the proposed Project were double or even triple of the traffic volumes generated at the Long Beach Blvd. and Imperial Hwy. intersection, coupled with the on-going improvements in ambient air quality, the Project would not be capable of resulting in a CO “hot spot” at any study area intersections. Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District (BAAQMD) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour (vph) —or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (8).

Traffic volumes generating the CO concentrations for the “hot spot” analysis, shown on Table 8. The busiest intersection evaluated was that at Wilshire Blvd. and Veteran Ave., which has a daily traffic volume of approximately 100,000 vehicles per day. The 2003 AQMP estimated that the 1-hour concentration for this intersection was 4.6 ppm; this indicates that, should the daily traffic volume increase four times to 400,000 vehicles per day, CO concentrations (4.6 ppm x 4= 18.4 ppm) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm).² At buildout of the Project, the highest daily traffic volumes generated at the roadways within the vicinity of the Project are expected to generate less than the highest daily traffic volumes generated at the busiest intersection in the CO “hot spot” analysis. As such, the Project would not likely exceed the most stringent 1-hour CO standard.

TABLE 8: TRAFFIC VOLUMES

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

² Based on the ratio of the CO standard (20.0 ppm) and the modeled value (4.6 ppm).

AIR QUALITY MANAGEMENT PLANNING

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

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

In March 2017, the AQMD released the Final 2016 AQMP. The 2016 AQMP continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as, explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (9). Similar to the 2012 AQMP, the 2016 AQMP incorporates scientific and technological information and planning assumptions, including the 2016 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), a planning document that supports the integration of land use and transportation to help the region meet the federal Clean Air Act requirements (10). The Project's consistency with the AQMP will be determined using the 2016 AQMP as discussed below.

Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the SCAQMD's California Environmental Quality Act (CEQA) Air Quality Handbook (1993) (11). These indicators are discussed below:

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

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

Construction Impacts – Consistency Criterion 1

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

Operational Impacts – Consistency Criterion 1

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

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

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

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

Construction Impacts – Consistency Criterion 2

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

Operational Impacts – Consistency Criterion 2

The Project site is designated for Single Residential (RS) land uses. The Project site is located within the RS-1 boundary which allows for 1 unit per acre and a minimum parcel size of 1 acre (12). The Project consists of the development of 4 residential dwelling units on a subdivided 4.30-acre parcel which is consistent with the County's land use designation.

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

AQMP Consistency Conclusion

The Project would not have the potential to result in or cause NAAQS or CAAQS violations. The Project's development intensity is consistent with the development intensities allowed within the General Plan. Additionally, Project construction and operational-source emissions would not exceed the regional or localized significance thresholds as previously indicated. The Project is therefore considered to be consistent with the AQMP.

POTENTIAL IMPACTS TO SENSITIVE RECEPTORS

The potential impact of Project-generated air pollutant emissions at sensitive receptors has also been considered. Sensitive receptors can include uses such as long-term health care facilities, rehabilitation

centers, and retirement homes. Residences, schools, playgrounds, childcare centers, and athletic facilities can also be considered as sensitive receptors.

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

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

ODORS

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

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

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with the County's solid waste regulations. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors associated with the proposed Project construction and operations would be less than significant and no mitigation is required (13).

CUMULATIVE IMPACTS

The CAAQS designate the Project site as nonattainment for O₃, PM₁₀, and PM_{2.5} while the NAAQS designates the Project site as nonattainment for O₃ and PM_{2.5}.

The SAQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (14). In this report the AQMD clearly states (Page D-3):

...the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or Environmental Impact Report (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.

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

Construction Impacts

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

Operational Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that Project operational-source air pollutant emissions would not result in exceedances of regional

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thresholds. Therefore, Project operational-source emissions would be considered less than significant on a project-specific and cumulative basis.

If you have any questions, please contact me directly at (949) 336-5987.

Respectfully submitted,

URBAN CROSSROADS, INC.



Haseeb Qureshi,
Associate Principal

REFERENCES

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2. **South Coast Air Quality Management District.** RULE 1113. Architectural Coatings. [Online]
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ATTACHMENT A:

CALFEEMOD UNMITIGATED CONSTRUCTION AND OPERATIONS EMISSIONS MODEL OUTPUTS

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated)
San Bernardino-South Coast County, Summer

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	9.50	1000sqft	0.22	9,500.00	0
Other Non-Asphalt Surfaces	168.31	1000sqft	3.86	168,308.00	0
Single Family Housing	4.00	Dwelling Unit	0.22	9,500.00	11

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

Project Characteristics -

Land Use - Total Project Area is 4.30 acres. Home size has not been provided, 50% of the lot acreage is assumed to be building sf. The remaining 50% is considered asphalt surfaces. The balance area is landscaped.

Construction Phase - Construction is anticipated to begin in November 2019 and expected to be completed within 12 months.

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

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

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

Grading - For purposes of analysis, total acres graded per day is based on the equipment specific grading rates (CalEEMod Appendix A) and the equipment list.

Architectural Coating - Rule 1113

Woodstoves - Rule 445

Energy Use - The project will design building shells and building components to meet 2019 Title 24 Standards which expects 53% less energy for residential use.

Construction Off-road Equipment Mitigation - Rule 403

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	T24E	951.67	447.28
tblEnergyUse	T24NG	24,566.15	11,546.09
tblFireplaces	NumberGas	3.40	4.00
tblFireplaces	NumberNoFireplace	0.40	0.00
tblFireplaces	NumberWood	0.20	0.00
tblGrading	AcresOfGrading	4.00	8.00

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tblGrading	AcresOfGrading	0.00	7.50
tblGrading	MaterialExported	0.00	11,790.00
tblLandUse	LandUseSquareFeet	7,200.00	9,500.00
tblLandUse	LotAcreage	1.30	0.22
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblVehicleEF	HHD	1.26	0.03
tblVehicleEF	HHD	0.04	0.06
tblVehicleEF	HHD	0.13	0.00
tblVehicleEF	HHD	3.65	7.49
tblVehicleEF	HHD	0.59	0.57
tblVehicleEF	HHD	2.11	2.5880e-003
tblVehicleEF	HHD	7,044.09	1,448.69
tblVehicleEF	HHD	1,507.82	1,437.97
tblVehicleEF	HHD	6.10	0.03
tblVehicleEF	HHD	29.67	7.68
tblVehicleEF	HHD	3.22	3.64
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.6000e-005	1.0000e-006
tblVehicleEF	HHD	0.02	0.02

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8830e-003	8.9180e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.0000e-005	1.0000e-006
tblVehicleEF	HHD	1.0700e-004	5.0000e-006
tblVehicleEF	HHD	4.2590e-003	1.5400e-004
tblVehicleEF	HHD	0.94	0.60
tblVehicleEF	HHD	6.5000e-005	3.0000e-006
tblVehicleEF	HHD	0.09	0.10
tblVehicleEF	HHD	2.9100e-004	7.7100e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	1.0700e-004	5.0000e-006
tblVehicleEF	HHD	4.2590e-003	1.5400e-004
tblVehicleEF	HHD	1.08	0.69
tblVehicleEF	HHD	6.5000e-005	3.0000e-006
tblVehicleEF	HHD	0.14	0.18
tblVehicleEF	HHD	2.9100e-004	7.7100e-004
tblVehicleEF	HHD	0.08	1.0000e-006
tblVehicleEF	HHD	1.19	0.03
tblVehicleEF	HHD	0.04	0.06
tblVehicleEF	HHD	0.12	0.00
tblVehicleEF	HHD	2.66	7.32
tblVehicleEF	HHD	0.59	0.57
tblVehicleEF	HHD	1.99	2.4340e-003

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tblVehicleEF	HHD	7,457.73	1,444.52
tblVehicleEF	HHD	1,507.82	1,437.97
tblVehicleEF	HHD	6.10	0.03
tblVehicleEF	HHD	30.61	7.46
tblVehicleEF	HHD	3.03	3.42
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.6000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8830e-003	8.9180e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.0000e-005	1.0000e-006
tblVehicleEF	HHD	2.1400e-004	1.0000e-005
tblVehicleEF	HHD	4.8950e-003	1.8100e-004
tblVehicleEF	HHD	0.89	0.63
tblVehicleEF	HHD	1.5100e-004	7.0000e-006
tblVehicleEF	HHD	0.09	0.10
tblVehicleEF	HHD	2.9900e-004	7.9700e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	9.4000e-005	0.00
tblVehicleEF	HHD	2.1400e-004	1.0000e-005
tblVehicleEF	HHD	4.8950e-003	1.8100e-004

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tblVehicleEF	HHD	1.02	0.72
tblVehicleEF	HHD	1.5100e-004	7.0000e-006
tblVehicleEF	HHD	0.14	0.18
tblVehicleEF	HHD	2.9900e-004	7.9700e-004
tblVehicleEF	HHD	0.08	1.0000e-006
tblVehicleEF	HHD	1.36	0.03
tblVehicleEF	HHD	0.04	4.6710e-003
tblVehicleEF	HHD	0.13	0.00
tblVehicleEF	HHD	5.01	7.66
tblVehicleEF	HHD	0.59	0.43
tblVehicleEF	HHD	2.07	2.5600e-003
tblVehicleEF	HHD	6,472.88	1,440.00
tblVehicleEF	HHD	1,507.82	1,397.78
tblVehicleEF	HHD	6.10	0.03
tblVehicleEF	HHD	28.37	7.90
tblVehicleEF	HHD	3.17	3.54
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.6000e-005	1.0000e-006
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8830e-003	8.8180e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.0000e-005	1.0000e-006
tblVehicleEF	HHD	1.1000e-004	5.0000e-006

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tblVehicleEF	HHD	4.8700e-003	1.8200e-004
tblVehicleEF	HHD	1.01	0.57
tblVehicleEF	HHD	6.4000e-005	3.0000e-006
tblVehicleEF	HHD	0.09	0.10
tblVehicleEF	HHD	3.1000e-004	8.0600e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	1.1000e-004	5.0000e-006
tblVehicleEF	HHD	4.8700e-003	1.8200e-004
tblVehicleEF	HHD	1.16	0.65
tblVehicleEF	HHD	6.4000e-005	3.0000e-006
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	3.1000e-004	8.0600e-004
tblVehicleEF	HHD	0.08	1.0000e-006
tblVehicleEF	LDA	5.1540e-003	3.2100e-003
tblVehicleEF	LDA	7.4770e-003	0.06
tblVehicleEF	LDA	0.66	0.77
tblVehicleEF	LDA	1.48	2.29
tblVehicleEF	LDA	271.76	276.68
tblVehicleEF	LDA	61.36	57.07
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	1.7360e-003	1.5890e-003
tblVehicleEF	LDA	2.3270e-003	2.0370e-003
tblVehicleEF	LDA	1.6000e-003	1.4630e-003
tblVehicleEF	LDA	2.1400e-003	1.8730e-003

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tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.10	0.28
tblVehicleEF	LDA	2.7220e-003	2.7370e-003
tblVehicleEF	LDA	6.3900e-004	5.6500e-004
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.11	0.30
tblVehicleEF	LDA	5.8790e-003	3.6760e-003
tblVehicleEF	LDA	6.2340e-003	0.05
tblVehicleEF	LDA	0.81	0.94
tblVehicleEF	LDA	1.22	1.90
tblVehicleEF	LDA	297.40	302.23
tblVehicleEF	LDA	61.36	56.31
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	1.7360e-003	1.5890e-003
tblVehicleEF	LDA	2.3270e-003	2.0370e-003
tblVehicleEF	LDA	1.6000e-003	1.4630e-003
tblVehicleEF	LDA	2.1400e-003	1.8730e-003
tblVehicleEF	LDA	0.11	0.15
tblVehicleEF	LDA	0.14	0.14

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tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.08	0.23
tblVehicleEF	LDA	2.9810e-003	2.9900e-003
tblVehicleEF	LDA	6.3500e-004	5.5700e-004
tblVehicleEF	LDA	0.11	0.15
tblVehicleEF	LDA	0.14	0.14
tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.09	0.25
tblVehicleEF	LDA	5.0060e-003	3.1310e-003
tblVehicleEF	LDA	7.4230e-003	0.06
tblVehicleEF	LDA	0.62	0.73
tblVehicleEF	LDA	1.46	2.25
tblVehicleEF	LDA	265.71	270.69
tblVehicleEF	LDA	61.36	57.01
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	1.7360e-003	1.5890e-003
tblVehicleEF	LDA	2.3270e-003	2.0370e-003
tblVehicleEF	LDA	1.6000e-003	1.4630e-003
tblVehicleEF	LDA	2.1400e-003	1.8730e-003
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.01	0.01

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tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.27
tblVehicleEF	LDA	2.6610e-003	2.6780e-003
tblVehicleEF	LDA	6.3900e-004	5.6400e-004
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.13	0.13
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.11	0.30
tblVehicleEF	LDT1	0.02	9.4220e-003
tblVehicleEF	LDT1	0.02	0.10
tblVehicleEF	LDT1	1.88	1.84
tblVehicleEF	LDT1	4.45	2.64
tblVehicleEF	LDT1	332.44	327.73
tblVehicleEF	LDT1	74.44	69.37
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.0160e-003	2.6170e-003
tblVehicleEF	LDT1	4.1090e-003	3.3430e-003
tblVehicleEF	LDT1	2.7780e-003	2.4090e-003
tblVehicleEF	LDT1	3.7800e-003	3.0740e-003
tblVehicleEF	LDT1	0.21	0.23
tblVehicleEF	LDT1	0.38	0.31
tblVehicleEF	LDT1	0.14	0.16
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.23	1.04
tblVehicleEF	LDT1	0.32	0.54

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tblVehicleEF	LDT1	3.3490e-003	3.2430e-003
tblVehicleEF	LDT1	8.2300e-004	6.8700e-004
tblVehicleEF	LDT1	0.21	0.23
tblVehicleEF	LDT1	0.38	0.31
tblVehicleEF	LDT1	0.14	0.16
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.23	1.04
tblVehicleEF	LDT1	0.35	0.59
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	2.25	2.22
tblVehicleEF	LDT1	3.66	2.18
tblVehicleEF	LDT1	362.07	354.55
tblVehicleEF	LDT1	74.44	68.34
tblVehicleEF	LDT1	0.18	0.16
tblVehicleEF	LDT1	3.0160e-003	2.6170e-003
tblVehicleEF	LDT1	4.1090e-003	3.3430e-003
tblVehicleEF	LDT1	2.7780e-003	2.4090e-003
tblVehicleEF	LDT1	3.7800e-003	3.0740e-003
tblVehicleEF	LDT1	0.42	0.48
tblVehicleEF	LDT1	0.47	0.39
tblVehicleEF	LDT1	0.30	0.34
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	1.04
tblVehicleEF	LDT1	0.27	0.45
tblVehicleEF	LDT1	3.6510e-003	3.5080e-003
tblVehicleEF	LDT1	8.0900e-004	6.7600e-004

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tblVehicleEF	LDT1	0.42	0.48
tblVehicleEF	LDT1	0.47	0.39
tblVehicleEF	LDT1	0.30	0.34
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	1.04
tblVehicleEF	LDT1	0.29	0.49
tblVehicleEF	LDT1	0.02	9.2010e-003
tblVehicleEF	LDT1	0.02	0.10
tblVehicleEF	LDT1	1.79	1.75
tblVehicleEF	LDT1	4.37	2.60
tblVehicleEF	LDT1	325.45	321.36
tblVehicleEF	LDT1	74.44	69.28
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	3.0160e-003	2.6170e-003
tblVehicleEF	LDT1	4.1090e-003	3.3430e-003
tblVehicleEF	LDT1	2.7780e-003	2.4090e-003
tblVehicleEF	LDT1	3.7800e-003	3.0740e-003
tblVehicleEF	LDT1	0.22	0.24
tblVehicleEF	LDT1	0.44	0.36
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.26	1.22
tblVehicleEF	LDT1	0.32	0.54
tblVehicleEF	LDT1	3.2780e-003	3.1800e-003
tblVehicleEF	LDT1	8.2200e-004	6.8600e-004
tblVehicleEF	LDT1	0.22	0.24
tblVehicleEF	LDT1	0.44	0.36

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tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.26	1.22
tblVehicleEF	LDT1	0.35	0.59
tblVehicleEF	LDT2	7.5900e-003	5.4250e-003
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	0.92	1.17
tblVehicleEF	LDT2	2.08	3.01
tblVehicleEF	LDT2	375.03	356.41
tblVehicleEF	LDT2	84.46	75.61
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	1.7360e-003	1.6670e-003
tblVehicleEF	LDT2	2.4270e-003	2.1440e-003
tblVehicleEF	LDT2	1.5970e-003	1.5340e-003
tblVehicleEF	LDT2	2.2320e-003	1.9720e-003
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.14	0.17
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.53
tblVehicleEF	LDT2	0.14	0.42
tblVehicleEF	LDT2	3.7580e-003	3.5260e-003
tblVehicleEF	LDT2	8.8000e-004	7.4800e-004
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.14	0.17
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.03	0.03

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tblVehicleEF	LDT2	0.08	0.53
tblVehicleEF	LDT2	0.16	0.46
tblVehicleEF	LDT2	8.6210e-003	6.1900e-003
tblVehicleEF	LDT2	8.8260e-003	0.07
tblVehicleEF	LDT2	1.12	1.42
tblVehicleEF	LDT2	1.72	2.48
tblVehicleEF	LDT2	409.49	383.08
tblVehicleEF	LDT2	84.46	74.56
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	1.7360e-003	1.6670e-003
tblVehicleEF	LDT2	2.4270e-003	2.1440e-003
tblVehicleEF	LDT2	1.5970e-003	1.5340e-003
tblVehicleEF	LDT2	2.2320e-003	1.9720e-003
tblVehicleEF	LDT2	0.15	0.23
tblVehicleEF	LDT2	0.17	0.20
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.52
tblVehicleEF	LDT2	0.12	0.35
tblVehicleEF	LDT2	4.1060e-003	3.7900e-003
tblVehicleEF	LDT2	8.7400e-004	7.3800e-004
tblVehicleEF	LDT2	0.15	0.23
tblVehicleEF	LDT2	0.17	0.20
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.52
tblVehicleEF	LDT2	0.13	0.38

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tblVehicleEF	LDT2	7.3800e-003	5.2940e-003
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	0.87	1.11
tblVehicleEF	LDT2	2.04	2.96
tblVehicleEF	LDT2	366.89	350.08
tblVehicleEF	LDT2	84.46	75.53
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	1.7360e-003	1.6670e-003
tblVehicleEF	LDT2	2.4270e-003	2.1440e-003
tblVehicleEF	LDT2	1.5970e-003	1.5340e-003
tblVehicleEF	LDT2	2.2320e-003	1.9720e-003
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.16	0.19
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.61
tblVehicleEF	LDT2	0.14	0.41
tblVehicleEF	LDT2	3.6760e-003	3.4640e-003
tblVehicleEF	LDT2	8.8000e-004	7.4700e-004
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.16	0.19
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.09	0.61
tblVehicleEF	LDT2	0.16	0.45
tblVehicleEF	LHD1	5.6900e-003	5.0880e-003
tblVehicleEF	LHD1	0.01	7.7680e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.27	1.08
tblVehicleEF	LHD1	2.93	1.12
tblVehicleEF	LHD1	9.23	9.45
tblVehicleEF	LHD1	620.09	663.36
tblVehicleEF	LHD1	31.53	11.23
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	2.40	1.84
tblVehicleEF	LHD1	9.6100e-004	9.3100e-004
tblVehicleEF	LHD1	0.01	9.9320e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0840e-003	2.9900e-004
tblVehicleEF	LHD1	9.1900e-004	8.9100e-004
tblVehicleEF	LHD1	2.5180e-003	2.4830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.9800e-004	2.7500e-004
tblVehicleEF	LHD1	3.8770e-003	3.4930e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8640e-003	1.6570e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.35	0.65
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.2000e-005	9.1000e-005
tblVehicleEF	LHD1	6.0910e-003	6.4590e-003
tblVehicleEF	LHD1	3.7100e-004	1.1100e-004

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tblVehicleEF	LHD1	3.8770e-003	3.4930e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8640e-003	1.6570e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.35	0.65
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD1	5.6900e-003	5.1040e-003
tblVehicleEF	LHD1	0.02	7.9500e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.29	1.10
tblVehicleEF	LHD1	2.74	1.04
tblVehicleEF	LHD1	9.23	9.45
tblVehicleEF	LHD1	620.09	663.40
tblVehicleEF	LHD1	31.53	11.10
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	2.25	1.73
tblVehicleEF	LHD1	9.6100e-004	9.3100e-004
tblVehicleEF	LHD1	0.01	9.9320e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0840e-003	2.9900e-004
tblVehicleEF	LHD1	9.1900e-004	8.9100e-004
tblVehicleEF	LHD1	2.5180e-003	2.4830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.9800e-004	2.7500e-004
tblVehicleEF	LHD1	7.6890e-003	6.9750e-003

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tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.2920e-003	3.8740e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.66
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	9.2000e-005	9.1000e-005
tblVehicleEF	LHD1	6.0910e-003	6.4590e-003
tblVehicleEF	LHD1	3.6700e-004	1.1000e-004
tblVehicleEF	LHD1	7.6890e-003	6.9750e-003
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.2920e-003	3.8740e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.35	0.66
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	5.6900e-003	5.0910e-003
tblVehicleEF	LHD1	0.01	7.7840e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.27	1.08
tblVehicleEF	LHD1	2.88	1.10
tblVehicleEF	LHD1	9.23	9.45
tblVehicleEF	LHD1	620.09	663.36
tblVehicleEF	LHD1	31.53	11.20
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	2.36	1.81

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tblVehicleEF	LHD1	9.6100e-004	9.3100e-004
tblVehicleEF	LHD1	0.01	9.9320e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0840e-003	2.9900e-004
tblVehicleEF	LHD1	9.1900e-004	8.9100e-004
tblVehicleEF	LHD1	2.5180e-003	2.4830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.9800e-004	2.7500e-004
tblVehicleEF	LHD1	4.3010e-003	3.9210e-003
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8380e-003	1.6360e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.38	0.70
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.2000e-005	9.1000e-005
tblVehicleEF	LHD1	6.0910e-003	6.4590e-003
tblVehicleEF	LHD1	3.7000e-004	1.1100e-004
tblVehicleEF	LHD1	4.3010e-003	3.9210e-003
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8380e-003	1.6360e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.38	0.70
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD2	4.0010e-003	3.4940e-003
tblVehicleEF	LHD2	5.9170e-003	4.8970e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.67
tblVehicleEF	LHD2	1.40	0.67
tblVehicleEF	LHD2	14.35	14.68
tblVehicleEF	LHD2	619.96	664.05
tblVehicleEF	LHD2	25.37	8.14
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.91	1.99
tblVehicleEF	LHD2	1.3140e-003	1.3790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6400e-004	1.4200e-004
tblVehicleEF	LHD2	1.2570e-003	1.3190e-003
tblVehicleEF	LHD2	2.6760e-003	2.6850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2700e-004	1.3000e-004
tblVehicleEF	LHD2	1.5090e-003	1.7180e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7800e-004	8.5100e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.14	0.05
tblVehicleEF	LHD2	6.0350e-003	6.4090e-003
tblVehicleEF	LHD2	2.8000e-004	8.1000e-005
tblVehicleEF	LHD2	1.5090e-003	1.7180e-003

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tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7800e-004	8.5100e-004
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.15	0.06
tblVehicleEF	LHD2	4.0010e-003	3.5050e-003
tblVehicleEF	LHD2	6.0090e-003	4.9550e-003
tblVehicleEF	LHD2	9.7620e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.68
tblVehicleEF	LHD2	1.32	0.63
tblVehicleEF	LHD2	14.35	14.68
tblVehicleEF	LHD2	619.96	664.06
tblVehicleEF	LHD2	25.37	8.07
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.80	1.87
tblVehicleEF	LHD2	1.3140e-003	1.3790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6400e-004	1.4200e-004
tblVehicleEF	LHD2	1.2570e-003	1.3190e-003
tblVehicleEF	LHD2	2.6760e-003	2.6850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2700e-004	1.3000e-004
tblVehicleEF	LHD2	2.9270e-003	3.3570e-003
tblVehicleEF	LHD2	0.05	0.06

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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.7180e-003	1.9120e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	6.0350e-003	6.4090e-003
tblVehicleEF	LHD2	2.7800e-004	8.0000e-005
tblVehicleEF	LHD2	2.9270e-003	3.3570e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.7180e-003	1.9120e-003
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.14	0.06
tblVehicleEF	LHD2	4.0010e-003	3.4970e-003
tblVehicleEF	LHD2	5.9270e-003	4.9040e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.67
tblVehicleEF	LHD2	1.38	0.66
tblVehicleEF	LHD2	14.35	14.68
tblVehicleEF	LHD2	619.96	664.05
tblVehicleEF	LHD2	25.37	8.12
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.88	1.96
tblVehicleEF	LHD2	1.3140e-003	1.3790e-003
tblVehicleEF	LHD2	0.01	0.01

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6400e-004	1.4200e-004
tblVehicleEF	LHD2	1.2570e-003	1.3190e-003
tblVehicleEF	LHD2	2.6760e-003	2.6850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2700e-004	1.3000e-004
tblVehicleEF	LHD2	1.5970e-003	1.8540e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.6400e-004	8.3300e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.11	0.35
tblVehicleEF	LHD2	0.14	0.05
tblVehicleEF	LHD2	6.0350e-003	6.4090e-003
tblVehicleEF	LHD2	2.7900e-004	8.0000e-005
tblVehicleEF	LHD2	1.5970e-003	1.8540e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6400e-004	8.3300e-004
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.11	0.35
tblVehicleEF	LHD2	0.15	0.06
tblVehicleEF	MCY	0.41	0.33
tblVehicleEF	MCY	0.16	0.25
tblVehicleEF	MCY	21.63	21.70
tblVehicleEF	MCY	9.90	8.75
tblVehicleEF	MCY	166.31	211.44

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tblVehicleEF	MCY	47.31	62.20
tblVehicleEF	MCY	1.17	1.18
tblVehicleEF	MCY	1.7690e-003	1.7420e-003
tblVehicleEF	MCY	3.8320e-003	3.1620e-003
tblVehicleEF	MCY	1.6590e-003	1.6340e-003
tblVehicleEF	MCY	3.6220e-003	2.9860e-003
tblVehicleEF	MCY	1.45	1.43
tblVehicleEF	MCY	0.86	0.84
tblVehicleEF	MCY	0.81	0.80
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.51	2.16
tblVehicleEF	MCY	2.19	1.93
tblVehicleEF	MCY	2.0810e-003	2.0920e-003
tblVehicleEF	MCY	7.0000e-004	6.1600e-004
tblVehicleEF	MCY	1.45	1.43
tblVehicleEF	MCY	0.86	0.84
tblVehicleEF	MCY	0.81	0.80
tblVehicleEF	MCY	2.77	2.77
tblVehicleEF	MCY	0.51	2.16
tblVehicleEF	MCY	2.38	2.10
tblVehicleEF	MCY	0.41	0.33
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	21.75	21.83
tblVehicleEF	MCY	9.07	7.97
tblVehicleEF	MCY	166.31	211.41
tblVehicleEF	MCY	47.31	60.03
tblVehicleEF	MCY	1.00	1.00

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MCY	1.7690e-003	1.7420e-003
tblVehicleEF	MCY	3.8320e-003	3.1620e-003
tblVehicleEF	MCY	1.6590e-003	1.6340e-003
tblVehicleEF	MCY	3.6220e-003	2.9860e-003
tblVehicleEF	MCY	3.14	3.12
tblVehicleEF	MCY	1.28	1.27
tblVehicleEF	MCY	2.15	2.12
tblVehicleEF	MCY	2.21	2.21
tblVehicleEF	MCY	0.50	2.15
tblVehicleEF	MCY	1.88	1.65
tblVehicleEF	MCY	2.0810e-003	2.0920e-003
tblVehicleEF	MCY	6.7600e-004	5.9400e-004
tblVehicleEF	MCY	3.14	3.12
tblVehicleEF	MCY	1.28	1.27
tblVehicleEF	MCY	2.15	2.12
tblVehicleEF	MCY	2.70	2.69
tblVehicleEF	MCY	0.50	2.15
tblVehicleEF	MCY	2.05	1.79
tblVehicleEF	MCY	0.41	0.33
tblVehicleEF	MCY	0.15	0.25
tblVehicleEF	MCY	20.62	20.68
tblVehicleEF	MCY	9.51	8.39
tblVehicleEF	MCY	166.31	209.68
tblVehicleEF	MCY	47.31	61.38
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	1.7690e-003	1.7420e-003
tblVehicleEF	MCY	3.8320e-003	3.1620e-003

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tblVehicleEF	MCY	1.6590e-003	1.6340e-003
tblVehicleEF	MCY	3.6220e-003	2.9860e-003
tblVehicleEF	MCY	1.71	1.69
tblVehicleEF	MCY	1.15	1.12
tblVehicleEF	MCY	0.72	0.71
tblVehicleEF	MCY	2.24	2.23
tblVehicleEF	MCY	0.57	2.45
tblVehicleEF	MCY	2.11	1.85
tblVehicleEF	MCY	2.0640e-003	2.0750e-003
tblVehicleEF	MCY	6.9100e-004	6.0700e-004
tblVehicleEF	MCY	1.71	1.69
tblVehicleEF	MCY	1.15	1.12
tblVehicleEF	MCY	0.72	0.71
tblVehicleEF	MCY	2.73	2.72
tblVehicleEF	MCY	0.57	2.45
tblVehicleEF	MCY	2.30	2.01
tblVehicleEF	MDV	0.02	7.4600e-003
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	1.73	1.47
tblVehicleEF	MDV	3.93	3.71
tblVehicleEF	MDV	510.99	438.31
tblVehicleEF	MDV	113.32	92.88
tblVehicleEF	MDV	0.22	0.16
tblVehicleEF	MDV	1.8900e-003	1.7940e-003
tblVehicleEF	MDV	2.6570e-003	2.2880e-003
tblVehicleEF	MDV	1.7440e-003	1.6560e-003
tblVehicleEF	MDV	2.4460e-003	2.1070e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MDV	5.1260e-003	4.3340e-003
tblVehicleEF	MDV	1.2030e-003	9.1900e-004
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.34	0.59
tblVehicleEF	MDV	0.02	8.4130e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.07	1.77
tblVehicleEF	MDV	3.28	3.07
tblVehicleEF	MDV	556.34	466.62
tblVehicleEF	MDV	113.32	91.58
tblVehicleEF	MDV	0.20	0.14
tblVehicleEF	MDV	1.8900e-003	1.7940e-003
tblVehicleEF	MDV	2.6570e-003	2.2880e-003
tblVehicleEF	MDV	1.7440e-003	1.6560e-003
tblVehicleEF	MDV	2.4460e-003	2.1070e-003
tblVehicleEF	MDV	0.21	0.26
tblVehicleEF	MDV	0.25	0.22

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.26	0.45
tblVehicleEF	MDV	5.5850e-003	4.6140e-003
tblVehicleEF	MDV	1.1910e-003	9.0600e-004
tblVehicleEF	MDV	0.21	0.26
tblVehicleEF	MDV	0.25	0.22
tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.29	0.50
tblVehicleEF	MDV	0.01	7.2640e-003
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	1.63	1.39
tblVehicleEF	MDV	3.86	3.65
tblVehicleEF	MDV	500.39	431.57
tblVehicleEF	MDV	113.32	92.77
tblVehicleEF	MDV	0.21	0.15
tblVehicleEF	MDV	1.8900e-003	1.7940e-003
tblVehicleEF	MDV	2.6570e-003	2.2880e-003
tblVehicleEF	MDV	1.7440e-003	1.6560e-003
tblVehicleEF	MDV	2.4460e-003	2.1070e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.23	0.20
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MDV	0.13	0.63
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MDV	5.0190e-003	4.2670e-003
tblVehicleEF	MDV	1.2020e-003	9.1800e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.23	0.20
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.13	0.63
tblVehicleEF	MDV	0.34	0.59
tblVehicleEF	MH	0.04	3.9290e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	4.29	0.37
tblVehicleEF	MH	7.50	0.00
tblVehicleEF	MH	1,044.38	962.75
tblVehicleEF	MH	61.75	0.00
tblVehicleEF	MH	1.73	4.84
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.5070e-003	0.00
tblVehicleEF	MH	3.2190e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.3940e-003	0.00
tblVehicleEF	MH	1.65	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.14	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.01	9.1010e-003
tblVehicleEF	MH	7.4900e-004	0.00
tblVehicleEF	MH	1.65	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.19	0.10
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.05	3.9290e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	4.46	0.37
tblVehicleEF	MH	6.85	0.00
tblVehicleEF	MH	1,044.38	962.75
tblVehicleEF	MH	61.75	0.00
tblVehicleEF	MH	1.58	4.55
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.5070e-003	0.00
tblVehicleEF	MH	3.2190e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.3940e-003	0.00
tblVehicleEF	MH	3.30	0.00
tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	1.37	0.00
tblVehicleEF	MH	0.14	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.01	9.1010e-003
tblVehicleEF	MH	7.3800e-004	0.00
tblVehicleEF	MH	3.30	0.00
tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	1.37	0.00
tblVehicleEF	MH	0.20	0.10
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.04	3.9290e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	4.28	0.37
tblVehicleEF	MH	7.39	0.00
tblVehicleEF	MH	1,044.38	962.75
tblVehicleEF	MH	61.75	0.00
tblVehicleEF	MH	1.69	4.76
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.5070e-003	0.00
tblVehicleEF	MH	3.2190e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.3940e-003	0.00
tblVehicleEF	MH	2.00	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.59	0.00
tblVehicleEF	MH	0.14	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.01	9.1010e-003
tblVehicleEF	MH	7.4700e-004	0.00
tblVehicleEF	MH	2.00	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.59	0.00
tblVehicleEF	MH	0.19	0.10
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MHD	0.02	3.2690e-003
tblVehicleEF	MHD	6.5200e-003	7.4410e-003
tblVehicleEF	MHD	0.06	9.2700e-003
tblVehicleEF	MHD	0.41	0.34
tblVehicleEF	MHD	0.48	0.67
tblVehicleEF	MHD	6.64	1.11
tblVehicleEF	MHD	157.61	72.65
tblVehicleEF	MHD	1,102.10	1,047.06
tblVehicleEF	MHD	54.49	8.73
tblVehicleEF	MHD	0.99	0.68
tblVehicleEF	MHD	1.67	2.66
tblVehicleEF	MHD	2.8010e-003	2.4760e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.7800e-004	1.1500e-004
tblVehicleEF	MHD	2.6800e-003	2.3690e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.0700e-004	1.0600e-004

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MHD	1.5850e-003	7.5000e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.7500e-004	3.6500e-004
tblVehicleEF	MHD	0.08	0.13
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.5150e-003	6.8900e-004
tblVehicleEF	MHD	0.01	9.9770e-003
tblVehicleEF	MHD	6.6100e-004	8.6000e-005
tblVehicleEF	MHD	1.5850e-003	7.5000e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.7500e-004	3.6500e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.44	0.05
tblVehicleEF	MHD	0.02	3.0990e-003
tblVehicleEF	MHD	6.6290e-003	7.5050e-003
tblVehicleEF	MHD	0.06	8.8360e-003
tblVehicleEF	MHD	0.29	0.28
tblVehicleEF	MHD	0.49	0.68
tblVehicleEF	MHD	6.20	1.04
tblVehicleEF	MHD	166.94	74.24
tblVehicleEF	MHD	1,102.10	1,047.07
tblVehicleEF	MHD	54.49	8.61
tblVehicleEF	MHD	1.02	0.69

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MHD	1.57	2.50
tblVehicleEF	MHD	2.3620e-003	2.0900e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.7800e-004	1.1500e-004
tblVehicleEF	MHD	2.2590e-003	1.9990e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.0700e-004	1.0600e-004
tblVehicleEF	MHD	3.1650e-003	1.5010e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.8350e-003	8.6900e-004
tblVehicleEF	MHD	0.08	0.13
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.38	0.05
tblVehicleEF	MHD	1.6030e-003	7.0400e-004
tblVehicleEF	MHD	0.01	9.9770e-003
tblVehicleEF	MHD	6.5400e-004	8.5000e-005
tblVehicleEF	MHD	3.1650e-003	1.5010e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.8350e-003	8.6900e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.42	0.05
tblVehicleEF	MHD	0.02	3.5160e-003
tblVehicleEF	MHD	6.5300e-003	7.4460e-003
tblVehicleEF	MHD	0.06	9.1670e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MHD	0.56	0.43
tblVehicleEF	MHD	0.48	0.68
tblVehicleEF	MHD	6.52	1.09
tblVehicleEF	MHD	144.70	70.46
tblVehicleEF	MHD	1,102.10	1,047.06
tblVehicleEF	MHD	54.49	8.70
tblVehicleEF	MHD	0.94	0.66
tblVehicleEF	MHD	1.64	2.61
tblVehicleEF	MHD	3.4090e-003	3.0090e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.7800e-004	1.1500e-004
tblVehicleEF	MHD	3.2610e-003	2.8790e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.0700e-004	1.0600e-004
tblVehicleEF	MHD	1.7730e-003	8.4100e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.6800e-004	3.6200e-004
tblVehicleEF	MHD	0.08	0.13
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.3930e-003	6.6800e-004
tblVehicleEF	MHD	0.01	9.9770e-003
tblVehicleEF	MHD	6.5900e-004	8.6000e-005
tblVehicleEF	MHD	1.7730e-003	8.4100e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	MHD	7.6800e-004	3.6200e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.43	0.05
tblVehicleEF	OBUS	0.01	9.4880e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.27	0.49
tblVehicleEF	OBUS	0.84	1.38
tblVehicleEF	OBUS	7.08	2.89
tblVehicleEF	OBUS	69.66	68.94
tblVehicleEF	OBUS	1,125.58	1,531.86
tblVehicleEF	OBUS	71.49	22.61
tblVehicleEF	OBUS	0.36	0.44
tblVehicleEF	OBUS	1.31	1.73
tblVehicleEF	OBUS	1.6600e-004	2.0970e-003
tblVehicleEF	OBUS	6.3680e-003	0.03
tblVehicleEF	OBUS	9.0100e-004	2.3900e-004
tblVehicleEF	OBUS	1.5900e-004	2.0060e-003
tblVehicleEF	OBUS	6.0730e-003	0.03
tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	2.2890e-003	2.8330e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	9.6000e-004	1.1430e-003
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.05	0.31

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	OBUS	0.44	0.14
tblVehicleEF	OBUS	6.7700e-004	6.5900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.3900e-004	2.2400e-004
tblVehicleEF	OBUS	2.2890e-003	2.8330e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.6000e-004	1.1430e-003
tblVehicleEF	OBUS	0.07	0.13
tblVehicleEF	OBUS	0.05	0.31
tblVehicleEF	OBUS	0.48	0.15
tblVehicleEF	OBUS	0.01	9.5010e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.26	0.46
tblVehicleEF	OBUS	0.86	1.41
tblVehicleEF	OBUS	6.48	2.65
tblVehicleEF	OBUS	72.76	69.63
tblVehicleEF	OBUS	1,125.58	1,531.92
tblVehicleEF	OBUS	71.49	22.21
tblVehicleEF	OBUS	0.37	0.44
tblVehicleEF	OBUS	1.21	1.60
tblVehicleEF	OBUS	1.4000e-004	1.7700e-003
tblVehicleEF	OBUS	6.3680e-003	0.03
tblVehicleEF	OBUS	9.0100e-004	2.3900e-004
tblVehicleEF	OBUS	1.3400e-004	1.6940e-003
tblVehicleEF	OBUS	6.0730e-003	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	4.4650e-003	5.5400e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.2300e-003	2.6720e-003
tblVehicleEF	OBUS	0.06	0.10
tblVehicleEF	OBUS	0.05	0.31
tblVehicleEF	OBUS	0.41	0.13
tblVehicleEF	OBUS	7.0700e-004	6.6500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	4.4650e-003	5.5400e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.2300e-003	2.6720e-003
tblVehicleEF	OBUS	0.07	0.13
tblVehicleEF	OBUS	0.05	0.31
tblVehicleEF	OBUS	0.45	0.15
tblVehicleEF	OBUS	0.01	9.5070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.29	0.52
tblVehicleEF	OBUS	0.84	1.38
tblVehicleEF	OBUS	7.02	2.87
tblVehicleEF	OBUS	65.38	68.00
tblVehicleEF	OBUS	1,125.58	1,531.87
tblVehicleEF	OBUS	71.49	22.58

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	OBUS	0.35	0.44
tblVehicleEF	OBUS	1.28	1.70
tblVehicleEF	OBUS	2.0300e-004	2.5470e-003
tblVehicleEF	OBUS	6.3680e-003	0.03
tblVehicleEF	OBUS	9.0100e-004	2.3900e-004
tblVehicleEF	OBUS	1.9400e-004	2.4370e-003
tblVehicleEF	OBUS	6.0730e-003	0.03
tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	2.4760e-003	3.1080e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	9.7500e-004	1.1620e-003
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.06	0.33
tblVehicleEF	OBUS	0.44	0.14
tblVehicleEF	OBUS	6.3600e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.3800e-004	2.2300e-004
tblVehicleEF	OBUS	2.4760e-003	3.1080e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.7500e-004	1.1620e-003
tblVehicleEF	OBUS	0.07	0.13
tblVehicleEF	OBUS	0.06	0.33
tblVehicleEF	OBUS	0.48	0.15
tblVehicleEF	SBUS	0.87	0.04
tblVehicleEF	SBUS	0.01	7.8850e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	SBUS	0.08	3.7580e-003
tblVehicleEF	SBUS	5.54	1.74
tblVehicleEF	SBUS	0.77	0.66
tblVehicleEF	SBUS	5.64	0.52
tblVehicleEF	SBUS	1,282.62	337.41
tblVehicleEF	SBUS	1,152.18	1,158.46
tblVehicleEF	SBUS	35.03	3.01
tblVehicleEF	SBUS	13.20	3.54
tblVehicleEF	SBUS	5.57	5.66
tblVehicleEF	SBUS	0.02	4.9280e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	5.0700e-004	2.8000e-005
tblVehicleEF	SBUS	0.01	4.7150e-003
tblVehicleEF	SBUS	2.7710e-003	2.7830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.6600e-004	2.6000e-005
tblVehicleEF	SBUS	3.3280e-003	7.8600e-004
tblVehicleEF	SBUS	0.02	5.8070e-003
tblVehicleEF	SBUS	0.67	0.18
tblVehicleEF	SBUS	1.3510e-003	3.4400e-004
tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.29	0.02
tblVehicleEF	SBUS	0.01	3.2060e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4800e-004	3.0000e-005

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	SBUS	3.3280e-003	7.8600e-004
tblVehicleEF	SBUS	0.02	5.8070e-003
tblVehicleEF	SBUS	0.95	0.26
tblVehicleEF	SBUS	1.3510e-003	3.4400e-004
tblVehicleEF	SBUS	0.15	0.13
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	0.87	0.04
tblVehicleEF	SBUS	0.01	7.9830e-003
tblVehicleEF	SBUS	0.06	3.1210e-003
tblVehicleEF	SBUS	5.38	1.70
tblVehicleEF	SBUS	0.78	0.67
tblVehicleEF	SBUS	3.86	0.37
tblVehicleEF	SBUS	1,348.56	346.48
tblVehicleEF	SBUS	1,152.18	1,158.48
tblVehicleEF	SBUS	35.03	2.75
tblVehicleEF	SBUS	13.63	3.62
tblVehicleEF	SBUS	5.22	5.31
tblVehicleEF	SBUS	0.01	4.1620e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	5.0700e-004	2.8000e-005
tblVehicleEF	SBUS	0.01	3.9820e-003
tblVehicleEF	SBUS	2.7710e-003	2.7830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.6600e-004	2.6000e-005
tblVehicleEF	SBUS	6.4210e-003	1.4060e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	SBUS	0.03	6.2120e-003
tblVehicleEF	SBUS	0.66	0.18
tblVehicleEF	SBUS	3.0640e-003	6.6900e-004
tblVehicleEF	SBUS	0.13	0.11
tblVehicleEF	SBUS	0.01	0.04
tblVehicleEF	SBUS	0.24	0.02
tblVehicleEF	SBUS	0.01	3.2910e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.1800e-004	2.7000e-005
tblVehicleEF	SBUS	6.4210e-003	1.4060e-003
tblVehicleEF	SBUS	0.03	6.2120e-003
tblVehicleEF	SBUS	0.95	0.26
tblVehicleEF	SBUS	3.0640e-003	6.6900e-004
tblVehicleEF	SBUS	0.15	0.13
tblVehicleEF	SBUS	0.01	0.04
tblVehicleEF	SBUS	0.26	0.02
tblVehicleEF	SBUS	0.88	0.04
tblVehicleEF	SBUS	0.01	7.8800e-003
tblVehicleEF	SBUS	0.08	3.8540e-003
tblVehicleEF	SBUS	5.77	1.80
tblVehicleEF	SBUS	0.77	0.66
tblVehicleEF	SBUS	5.69	0.54
tblVehicleEF	SBUS	1,191.56	324.88
tblVehicleEF	SBUS	1,152.18	1,158.46
tblVehicleEF	SBUS	35.03	3.04
tblVehicleEF	SBUS	12.62	3.43
tblVehicleEF	SBUS	5.48	5.57

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	SBUS	0.02	5.9860e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	5.0700e-004	2.8000e-005
tblVehicleEF	SBUS	0.02	5.7270e-003
tblVehicleEF	SBUS	2.7710e-003	2.7830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.6600e-004	2.6000e-005
tblVehicleEF	SBUS	3.5990e-003	8.1900e-004
tblVehicleEF	SBUS	0.03	6.4950e-003
tblVehicleEF	SBUS	0.67	0.18
tblVehicleEF	SBUS	1.3510e-003	3.5700e-004
tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.02
tblVehicleEF	SBUS	0.01	3.0870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4900e-004	3.0000e-005
tblVehicleEF	SBUS	3.5990e-003	8.1900e-004
tblVehicleEF	SBUS	0.03	6.4950e-003
tblVehicleEF	SBUS	0.96	0.26
tblVehicleEF	SBUS	1.3510e-003	3.5700e-004
tblVehicleEF	SBUS	0.15	0.13
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.33	0.02
tblVehicleEF	UBUS	2.06	4.21
tblVehicleEF	UBUS	0.09	0.02

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	UBUS	10.29	32.46
tblVehicleEF	UBUS	15.37	1.48
tblVehicleEF	UBUS	1,878.06	1,734.42
tblVehicleEF	UBUS	133.67	17.53
tblVehicleEF	UBUS	7.05	0.44
tblVehicleEF	UBUS	0.53	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	2.6710e-003
tblVehicleEF	UBUS	1.3540e-003	1.5800e-004
tblVehicleEF	UBUS	0.23	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	0.08	2.5430e-003
tblVehicleEF	UBUS	1.2450e-003	1.4500e-004
tblVehicleEF	UBUS	8.7400e-003	1.5800e-003
tblVehicleEF	UBUS	0.13	9.1420e-003
tblVehicleEF	UBUS	4.1930e-003	6.5600e-004
tblVehicleEF	UBUS	0.72	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.23	0.07
tblVehicleEF	UBUS	0.01	4.0080e-003
tblVehicleEF	UBUS	1.6160e-003	1.7300e-004
tblVehicleEF	UBUS	8.7400e-003	1.5800e-003
tblVehicleEF	UBUS	0.13	9.1420e-003
tblVehicleEF	UBUS	4.1930e-003	6.5600e-004
tblVehicleEF	UBUS	2.85	4.31
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.34	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	UBUS	2.07	4.21
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	10.40	32.46
tblVehicleEF	UBUS	12.59	1.21
tblVehicleEF	UBUS	1,878.06	1,734.42
tblVehicleEF	UBUS	133.67	17.09
tblVehicleEF	UBUS	6.56	0.44
tblVehicleEF	UBUS	0.53	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	2.6710e-003
tblVehicleEF	UBUS	1.3540e-003	1.5800e-004
tblVehicleEF	UBUS	0.23	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	0.08	2.5430e-003
tblVehicleEF	UBUS	1.2450e-003	1.4500e-004
tblVehicleEF	UBUS	0.02	3.0300e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	9.9910e-003	1.5490e-003
tblVehicleEF	UBUS	0.73	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.09	0.06
tblVehicleEF	UBUS	0.01	4.0080e-003
tblVehicleEF	UBUS	1.5680e-003	1.6900e-004
tblVehicleEF	UBUS	0.02	3.0300e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	9.9910e-003	1.5490e-003
tblVehicleEF	UBUS	2.87	4.31

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.20	0.07
tblVehicleEF	UBUS	2.06	4.21
tblVehicleEF	UBUS	0.09	0.02
tblVehicleEF	UBUS	10.30	32.46
tblVehicleEF	UBUS	14.85	1.44
tblVehicleEF	UBUS	1,878.06	1,734.42
tblVehicleEF	UBUS	133.67	17.48
tblVehicleEF	UBUS	6.92	0.44
tblVehicleEF	UBUS	0.53	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	2.6710e-003
tblVehicleEF	UBUS	1.3540e-003	1.5800e-004
tblVehicleEF	UBUS	0.23	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	0.08	2.5430e-003
tblVehicleEF	UBUS	1.2450e-003	1.4500e-004
tblVehicleEF	UBUS	0.01	1.6780e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.4110e-003	6.4600e-004
tblVehicleEF	UBUS	0.72	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.21	0.07
tblVehicleEF	UBUS	0.01	4.0080e-003
tblVehicleEF	UBUS	1.6070e-003	1.7300e-004
tblVehicleEF	UBUS	0.01	1.6780e-003
tblVehicleEF	UBUS	0.16	0.01

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

tblVehicleEF	UBUS	4.4110e-003	6.4600e-004
tblVehicleEF	UBUS	2.86	4.31
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.32	0.08

2.0 Emissions Summary

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4417	77.0640	24.0848	0.1775	19.8582	2.3917	22.2499	10.1558	2.2004	12.3562	0.0000	18,611.8556	18,611.8556	1.7865	0.0000	18,656.5173
2020	6.6429	24.0815	22.0027	0.0456	1.0416	1.2149	2.2565	0.2806	1.1409	1.4215	0.0000	4,452.8680	4,452.8680	0.7639	0.0000	4,471.9654
Maximum	6.6429	77.0640	24.0848	0.1775	19.8582	2.3917	22.2499	10.1558	2.2004	12.3562	0.0000	18,611.8556	18,611.8556	1.7865	0.0000	18,656.5173

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4417	77.0640	24.0848	0.1775	7.8674	2.3917	10.2591	3.9933	2.2004	6.1937	0.0000	18,611.8556	18,611.8556	1.7865	0.0000	18,656.5173
2020	6.6429	24.0815	22.0027	0.0456	1.0416	1.2149	2.2565	0.2806	1.1409	1.4215	0.0000	4,452.8680	4,452.8680	0.7639	0.0000	4,471.9654
Maximum	6.6429	77.0640	24.0848	0.1775	7.8674	2.3917	10.2591	3.9933	2.2004	6.1937	0.0000	18,611.8556	18,611.8556	1.7865	0.0000	18,656.5173

	ROG	NOx	CO	SO2	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	57.37	0.00	48.93	59.05	0.00	44.73	0.00	0.00	0.00	0.00	0.00	0.00

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249
Energy	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Mobile	0.1392	0.4991	1.3124	3.5800e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		370.0842	370.0842	0.0199		370.5806
Total	0.5497	0.6032	2.6780	7.3300e-003	0.2882	0.1749	0.4631	0.0770	0.1745	0.2516	23.6066	478.0838	501.6903	0.1329	1.9700e-003	505.6007

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	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249
Energy	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Mobile	0.1392	0.4991	1.3124	3.5800e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		370.0842	370.0842	0.0199		370.5806
Total	0.5497	0.6032	2.6780	7.3300e-003	0.2882	0.1749	0.4631	0.0770	0.1745	0.2516	23.6066	478.0838	501.6903	0.1329	1.9700e-003	505.6007

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/1/2019	11/7/2019	5	5	
2	Grading	Grading	12/6/2019	12/17/2019	5	8	
3	Building Construction	Building Construction	12/18/2019	11/3/2020	5	230	
4	Paving	Paving	11/4/2020	11/27/2020	5	18	
5	Architectural Coating	Architectural Coating	11/4/2020	11/27/2020	5	18	

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 4.08

Residential Indoor: 19,238; Residential Outdoor: 6,413; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 10,668 (Architectural Coating – sqft)

OffRoad Equipment

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,474.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	76.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	19.6570	2.3904	22.0474	10.1025	2.1991	12.3016		3,766.4529	3,766.4529	1.1917		3,796.2445

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.2 Site Preparation - 2019**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	0.1067	0.0710	0.8973	2.1100e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		209.9549	209.9549	7.0400e-003		210.1309
Total	0.1067	0.0710	0.8973	2.1100e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		209.9549	209.9549	7.0400e-003		210.1309

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	7.6662	2.3904	10.0566	3.9400	2.1991	6.1391	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.2 Site Preparation - 2019**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	0.1067	0.0710	0.8973	2.1100e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		209.9549	209.9549	7.0400e-003		210.1309
Total	0.1067	0.0710	0.8973	2.1100e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		209.9549	209.9549	7.0400e-003		210.1309

3.3 Grading - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2493	0.0000	7.2493	3.4500	0.0000	3.4500			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	7.2493	1.3974	8.6466	3.4500	1.2856	4.7355		2,936.8068	2,936.8068	0.9292		2,960.0361

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.3 Grading - 2019**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	1.2336	48.6569	7.0437	0.1461	3.2246	0.1632	3.3879	0.8841	0.1562	1.0403		15,500.0865	15,500.0865	0.8514		15,521.3721
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0889	0.0592	0.7477	1.7600e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		174.9624	174.9624	5.8700e-003		175.1091
Total	1.3225	48.7160	7.7914	0.1479	3.3923	0.1644	3.5567	0.9286	0.1572	1.0858		15,675.0489	15,675.0489	0.8573		15,696.4812

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8272	0.0000	2.8272	1.3455	0.0000	1.3455			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	2.8272	1.3974	4.2246	1.3455	1.2856	2.6311	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.3 Grading - 2019**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	1.2336	48.6569	7.0437	0.1461	3.2246	0.1632	3.3879	0.8841	0.1562	1.0403		15,500.0865	15,500.0865	0.8514		15,521.3721
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0889	0.0592	0.7477	1.7600e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		174.9624	174.9624	5.8700e-003		175.1091
Total	1.3225	48.7160	7.7914	0.1479	3.3923	0.1644	3.5567	0.9286	0.1572	1.0858		15,675.0489	15,675.0489	0.8573		15,696.4812

3.4 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958		2,778.3097	2,778.3097	0.6904		2,795.5700
Total	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958		2,778.3097	2,778.3097	0.6904		2,795.5700

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.4 Building Construction - 2019**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	0.1076	3.4544	0.7025	8.2000e-003	0.1922	0.0216	0.2138	0.0553	0.0207	0.0760		864.1431	864.1431	0.0584		865.6039
Worker	0.4506	0.2997	3.7885	8.9100e-003	0.8495	5.7100e-003	0.8552	0.2253	5.2600e-003	0.2306		886.4761	886.4761	0.0297		887.2192
Total	0.5582	3.7541	4.4909	0.0171	1.0417	0.0273	1.0690	0.2806	0.0259	0.3066		1,750.619 2	1,750.619 2	0.0882		1,752.823 1

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	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958	0.0000	2,778.309 7	2,778.309 7	0.6904		2,795.570 0
Total	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958	0.0000	2,778.309 7	2,778.309 7	0.6904		2,795.570 0

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.4 Building Construction - 2019**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	0.1076	3.4544	0.7025	8.2000e-003	0.1922	0.0216	0.2138	0.0553	0.0207	0.0760		864.1431	864.1431	0.0584		865.6039
Worker	0.4506	0.2997	3.7885	8.9100e-003	0.8495	5.7100e-003	0.8552	0.2253	5.2600e-003	0.2306		886.4761	886.4761	0.0297		887.2192
Total	0.5582	3.7541	4.4909	0.0171	1.0417	0.0273	1.0690	0.2806	0.0259	0.3066		1,750.6192	1,750.6192	0.0882		1,752.8231

3.4 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218		2,735.6999	2,735.6999	0.6819		2,752.7481
Total	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218		2,735.6999	2,735.6999	0.6819		2,752.7481

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.4 Building Construction - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0911	3.1659	0.6170	8.1400e-003	0.1921	0.0146	0.2067	0.0553	0.0139	0.0693		858.3042	858.3042	0.0558		859.6979
Worker	0.4148	0.2662	3.4179	8.6300e-003	0.8495	5.5700e-003	0.8551	0.2253	5.1300e-003	0.2304		858.8639	858.8639	0.0262		859.5194
Total	0.5059	3.4321	4.0349	0.0168	1.0416	0.0201	1.0618	0.2806	0.0191	0.2997		1,717.1681	1,717.1681	0.0820		1,719.2173

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	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218	0.0000	2,735.6999	2,735.6999	0.6819		2,752.7481
Total	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218	0.0000	2,735.6999	2,735.6999	0.6819		2,752.7481

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.4 Building Construction - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0911	3.1659	0.6170	8.1400e-003	0.1921	0.0146	0.2067	0.0553	0.0139	0.0693		858.3042	858.3042	0.0558		859.6979
Worker	0.4148	0.2662	3.4179	8.6300e-003	0.8495	5.5700e-003	0.8551	0.2253	5.1300e-003	0.2304		858.8639	858.8639	0.0262		859.5194
Total	0.5059	3.4321	4.0349	0.0168	1.0416	0.0201	1.0618	0.2806	0.0191	0.2997		1,717.1681	1,717.1681	0.0820		1,719.2173

3.5 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4209	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180		2,154.2625	2,154.2625	0.6746		2,171.1261
Paving	0.0320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4529	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180		2,154.2625	2,154.2625	0.6746		2,171.1261

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.5 Paving - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0701	0.8995	2.2700e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		226.0168	226.0168	6.9000e-003		226.1893
Total	0.1092	0.0701	0.8995	2.2700e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		226.0168	226.0168	6.9000e-003		226.1893

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	1.4209	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180	0.0000	2,154.2625	2,154.2625	0.6746		2,171.1261
Paving	0.0320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4529	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180	0.0000	2,154.2625	2,154.2625	0.6746		2,171.1261

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.5 Paving - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0701	0.8995	2.2700e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		226.0168	226.0168	6.9000e-003		226.1893
Total	0.1092	0.0701	0.8995	2.2700e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		226.0168	226.0168	6.9000e-003		226.1893

3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6761					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904
Total	4.9990	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.6 Architectural Coating - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0525	0.6746	1.7000e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		169.5126	169.5126	5.1700e-003		169.6420
Total	0.0819	0.0525	0.6746	1.7000e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		169.5126	169.5126	5.1700e-003		169.6420

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	4.6761					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479	0.0000	375.2641	375.2641	0.0291		375.9904
Total	4.9990	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479	0.0000	375.2641	375.2641	0.0291		375.9904

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

3.6 Architectural Coating - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0525	0.6746	1.7000e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		169.5126	169.5126	5.1700e-003		169.6420
Total	0.0819	0.0525	0.6746	1.7000e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		169.5126	169.5126	5.1700e-003		169.6420

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1392	0.4991	1.3124	3.5800e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		370.0842	370.0842	0.0199		370.5806
Unmitigated	0.1392	0.4991	1.3124	3.5800e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		370.0842	370.0842	0.0199		370.5806

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	38.08	39.64	34.48	129,129	129,129
Total	38.08	39.64	34.48	129,129	129,129

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.546179	0.037976	0.179086	0.122965	0.018430	0.005460	0.017497	0.061396	0.001337	0.001657	0.006117	0.000817	0.001082
Other Non-Asphalt Surfaces	0.546179	0.037976	0.179086	0.122965	0.018430	0.005460	0.017497	0.061396	0.001337	0.001657	0.006117	0.000817	0.001082
Single Family Housing	0.546179	0.037976	0.179086	0.122965	0.018430	0.005460	0.017497	0.061396	0.001337	0.001657	0.006117	0.000817	0.001082

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	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
NaturalGas Unmitigated	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	192.615	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Total		2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0.192615	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Total		2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952

6.0 Area Detail

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

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	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249
Unmitigated	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, 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	0.0298					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1157	0.0824	1.0086	3.6200e-003		0.1653	0.1653		0.1653	0.1653	23.6066	84.7059	108.3124	0.1120	1.5500e-003	111.5747
Landscaping	0.0118	4.0000e-003	0.3494	2.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		0.6331	0.6331	6.8000e-004		0.6502
Total	0.4084	0.0864	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0298					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1157	0.0824	1.0086	3.6200e-003		0.1653	0.1653		0.1653	0.1653	23.6066	84.7059	108.3124	0.1120	1.5500e-003	111.5747
Landscaping	0.0118	4.0000e-003	0.3494	2.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		0.6331	0.6331	6.8000e-004		0.6502
Total	0.4084	0.0864	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249

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

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

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated)
San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	9.50	1000sqft	0.22	9,500.00	0
Other Non-Asphalt Surfaces	168.31	1000sqft	3.86	168,308.00	0
Single Family Housing	4.00	Dwelling Unit	0.22	9,500.00	11

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

Project Characteristics -

Land Use - Total Project Area is 4.30 acres. Home size has not been provided, 50% of the lot acreage is assumed to be building sf. The remaining 50% is considered asphalt surfaces. The balance area is landscaped.

Construction Phase - Construction is anticipated to begin in November 2019 and expected to be completed within 12 months.

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

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

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

Grading - For purposes of analysis, total acres graded per day is based on the equipment specific grading rates (CalEEMod Appendix A) and the equipment list.

Architectural Coating - Rule 1113

Woodstoves - Rule 445

Energy Use - The project will design building shells and building components to meet 2019 Title 24 Standards which expects 53% less energy for residential use.

Construction Off-road Equipment Mitigation - Rule 403

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	T24E	951.67	447.28
tblEnergyUse	T24NG	24,566.15	11,546.09
tblFireplaces	NumberGas	3.40	4.00
tblFireplaces	NumberNoFireplace	0.40	0.00
tblFireplaces	NumberWood	0.20	0.00
tblGrading	AcresOfGrading	4.00	8.00

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblGrading	AcresOfGrading	0.00	7.50
tblGrading	MaterialExported	0.00	11,790.00
tblLandUse	LandUseSquareFeet	7,200.00	9,500.00
tblLandUse	LotAcreage	1.30	0.22
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblVehicleEF	HHD	1.26	0.03
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tblVehicleEF	HHD	0.02	0.06
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Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	2.9100e-004	7.7100e-004
tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.07	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	1.0700e-004	5.0000e-006
tblVehicleEF	HHD	4.2590e-003	1.5400e-004
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tblVehicleEF	HHD	2.9100e-004	7.7100e-004
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Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

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tblVehicleEF	HHD	7.6000e-005	1.0000e-006
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8830e-003	8.9180e-003
tblVehicleEF	HHD	0.02	0.06
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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	9.4000e-005	0.00
tblVehicleEF	HHD	2.1400e-004	1.0000e-005
tblVehicleEF	HHD	4.8950e-003	1.8100e-004

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	HHD	1.02	0.72
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tblVehicleEF	HHD	0.13	0.00
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tblVehicleEF	HHD	6.10	0.03
tblVehicleEF	HHD	28.37	7.90
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tblVehicleEF	HHD	0.06	0.06
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tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	7.6000e-005	1.0000e-006
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8830e-003	8.8180e-003
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tblVehicleEF	HHD	7.0000e-005	1.0000e-006
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Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	HHD	4.8700e-003	1.8200e-004
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tblVehicleEF	HHD	0.07	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	9.6000e-005	0.00
tblVehicleEF	HHD	1.1000e-004	5.0000e-006
tblVehicleEF	HHD	4.8700e-003	1.8200e-004
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tblVehicleEF	LDA	1.6000e-003	1.4630e-003
tblVehicleEF	LDA	2.1400e-003	1.8730e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LDA	0.05	0.07
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tblVehicleEF	LDA	0.04	0.23
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tblVehicleEF	LDA	1.6000e-003	1.4630e-003
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tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	0.02	0.02
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tblVehicleEF	LDA	0.04	0.05
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tblVehicleEF	LDA	0.04	0.26
tblVehicleEF	LDA	0.10	0.27
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tblVehicleEF	LDT1	0.21	0.23
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tblVehicleEF	LDT1	0.14	0.16
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tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.23	1.04
tblVehicleEF	LDT1	0.35	0.59
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.09
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Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LDT1	0.42	0.48
tblVehicleEF	LDT1	0.47	0.39
tblVehicleEF	LDT1	0.30	0.34
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	1.04
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tblVehicleEF	LDT1	2.7780e-003	2.4090e-003
tblVehicleEF	LDT1	3.7800e-003	3.0740e-003
tblVehicleEF	LDT1	0.22	0.24
tblVehicleEF	LDT1	0.44	0.36
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.26	1.22
tblVehicleEF	LDT1	0.32	0.54
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tblVehicleEF	LDT1	0.22	0.24
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Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.26	1.22
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tblVehicleEF	LDT2	1.7360e-003	1.6670e-003
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tblVehicleEF	LDT2	1.5970e-003	1.5340e-003
tblVehicleEF	LDT2	2.2320e-003	1.9720e-003
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.14	0.17
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.53
tblVehicleEF	LDT2	0.14	0.42
tblVehicleEF	LDT2	3.7580e-003	3.5260e-003
tblVehicleEF	LDT2	8.8000e-004	7.4800e-004
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.14	0.17
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.03	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LDT2	0.08	0.53
tblVehicleEF	LDT2	0.16	0.46
tblVehicleEF	LDT2	8.6210e-003	6.1900e-003
tblVehicleEF	LDT2	8.8260e-003	0.07
tblVehicleEF	LDT2	1.12	1.42
tblVehicleEF	LDT2	1.72	2.48
tblVehicleEF	LDT2	409.49	383.08
tblVehicleEF	LDT2	84.46	74.56
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	1.7360e-003	1.6670e-003
tblVehicleEF	LDT2	2.4270e-003	2.1440e-003
tblVehicleEF	LDT2	1.5970e-003	1.5340e-003
tblVehicleEF	LDT2	2.2320e-003	1.9720e-003
tblVehicleEF	LDT2	0.15	0.23
tblVehicleEF	LDT2	0.17	0.20
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.52
tblVehicleEF	LDT2	0.12	0.35
tblVehicleEF	LDT2	4.1060e-003	3.7900e-003
tblVehicleEF	LDT2	8.7400e-004	7.3800e-004
tblVehicleEF	LDT2	0.15	0.23
tblVehicleEF	LDT2	0.17	0.20
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.52
tblVehicleEF	LDT2	0.13	0.38

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LDT2	7.3800e-003	5.2940e-003
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	0.87	1.11
tblVehicleEF	LDT2	2.04	2.96
tblVehicleEF	LDT2	366.89	350.08
tblVehicleEF	LDT2	84.46	75.53
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	1.7360e-003	1.6670e-003
tblVehicleEF	LDT2	2.4270e-003	2.1440e-003
tblVehicleEF	LDT2	1.5970e-003	1.5340e-003
tblVehicleEF	LDT2	2.2320e-003	1.9720e-003
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.16	0.19
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.61
tblVehicleEF	LDT2	0.14	0.41
tblVehicleEF	LDT2	3.6760e-003	3.4640e-003
tblVehicleEF	LDT2	8.8000e-004	7.4700e-004
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.16	0.19
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.09	0.61
tblVehicleEF	LDT2	0.16	0.45
tblVehicleEF	LHD1	5.6900e-003	5.0880e-003
tblVehicleEF	LHD1	0.01	7.7680e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.27	1.08
tblVehicleEF	LHD1	2.93	1.12
tblVehicleEF	LHD1	9.23	9.45
tblVehicleEF	LHD1	620.09	663.36
tblVehicleEF	LHD1	31.53	11.23
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	2.40	1.84
tblVehicleEF	LHD1	9.6100e-004	9.3100e-004
tblVehicleEF	LHD1	0.01	9.9320e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0840e-003	2.9900e-004
tblVehicleEF	LHD1	9.1900e-004	8.9100e-004
tblVehicleEF	LHD1	2.5180e-003	2.4830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.9800e-004	2.7500e-004
tblVehicleEF	LHD1	3.8770e-003	3.4930e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8640e-003	1.6570e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.35	0.65
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.2000e-005	9.1000e-005
tblVehicleEF	LHD1	6.0910e-003	6.4590e-003
tblVehicleEF	LHD1	3.7100e-004	1.1100e-004

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD1	3.8770e-003	3.4930e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8640e-003	1.6570e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.35	0.65
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD1	5.6900e-003	5.1040e-003
tblVehicleEF	LHD1	0.02	7.9500e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.29	1.10
tblVehicleEF	LHD1	2.74	1.04
tblVehicleEF	LHD1	9.23	9.45
tblVehicleEF	LHD1	620.09	663.40
tblVehicleEF	LHD1	31.53	11.10
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	2.25	1.73
tblVehicleEF	LHD1	9.6100e-004	9.3100e-004
tblVehicleEF	LHD1	0.01	9.9320e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0840e-003	2.9900e-004
tblVehicleEF	LHD1	9.1900e-004	8.9100e-004
tblVehicleEF	LHD1	2.5180e-003	2.4830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.9800e-004	2.7500e-004
tblVehicleEF	LHD1	7.6890e-003	6.9750e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	4.2920e-003	3.8740e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.35	0.66
tblVehicleEF	LHD1	0.29	0.09
tblVehicleEF	LHD1	9.2000e-005	9.1000e-005
tblVehicleEF	LHD1	6.0910e-003	6.4590e-003
tblVehicleEF	LHD1	3.6700e-004	1.1000e-004
tblVehicleEF	LHD1	7.6890e-003	6.9750e-003
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	4.2920e-003	3.8740e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.35	0.66
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	5.6900e-003	5.0910e-003
tblVehicleEF	LHD1	0.01	7.7840e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.27	1.08
tblVehicleEF	LHD1	2.88	1.10
tblVehicleEF	LHD1	9.23	9.45
tblVehicleEF	LHD1	620.09	663.36
tblVehicleEF	LHD1	31.53	11.20
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	2.36	1.81

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD1	9.6100e-004	9.3100e-004
tblVehicleEF	LHD1	0.01	9.9320e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0840e-003	2.9900e-004
tblVehicleEF	LHD1	9.1900e-004	8.9100e-004
tblVehicleEF	LHD1	2.5180e-003	2.4830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.9800e-004	2.7500e-004
tblVehicleEF	LHD1	4.3010e-003	3.9210e-003
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8380e-003	1.6360e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.38	0.70
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.2000e-005	9.1000e-005
tblVehicleEF	LHD1	6.0910e-003	6.4590e-003
tblVehicleEF	LHD1	3.7000e-004	1.1100e-004
tblVehicleEF	LHD1	4.3010e-003	3.9210e-003
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8380e-003	1.6360e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.38	0.70
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD2	4.0010e-003	3.4940e-003
tblVehicleEF	LHD2	5.9170e-003	4.8970e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.67
tblVehicleEF	LHD2	1.40	0.67
tblVehicleEF	LHD2	14.35	14.68
tblVehicleEF	LHD2	619.96	664.05
tblVehicleEF	LHD2	25.37	8.14
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.91	1.99
tblVehicleEF	LHD2	1.3140e-003	1.3790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6400e-004	1.4200e-004
tblVehicleEF	LHD2	1.2570e-003	1.3190e-003
tblVehicleEF	LHD2	2.6760e-003	2.6850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2700e-004	1.3000e-004
tblVehicleEF	LHD2	1.5090e-003	1.7180e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.7800e-004	8.5100e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.14	0.05
tblVehicleEF	LHD2	6.0350e-003	6.4090e-003
tblVehicleEF	LHD2	2.8000e-004	8.1000e-005
tblVehicleEF	LHD2	1.5090e-003	1.7180e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.7800e-004	8.5100e-004
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.15	0.06
tblVehicleEF	LHD2	4.0010e-003	3.5050e-003
tblVehicleEF	LHD2	6.0090e-003	4.9550e-003
tblVehicleEF	LHD2	9.7620e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.68
tblVehicleEF	LHD2	1.32	0.63
tblVehicleEF	LHD2	14.35	14.68
tblVehicleEF	LHD2	619.96	664.06
tblVehicleEF	LHD2	25.37	8.07
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.80	1.87
tblVehicleEF	LHD2	1.3140e-003	1.3790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6400e-004	1.4200e-004
tblVehicleEF	LHD2	1.2570e-003	1.3190e-003
tblVehicleEF	LHD2	2.6760e-003	2.6850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2700e-004	1.3000e-004
tblVehicleEF	LHD2	2.9270e-003	3.3570e-003
tblVehicleEF	LHD2	0.05	0.06

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.7180e-003	1.9120e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	6.0350e-003	6.4090e-003
tblVehicleEF	LHD2	2.7800e-004	8.0000e-005
tblVehicleEF	LHD2	2.9270e-003	3.3570e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.7180e-003	1.9120e-003
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.11	0.33
tblVehicleEF	LHD2	0.14	0.06
tblVehicleEF	LHD2	4.0010e-003	3.4970e-003
tblVehicleEF	LHD2	5.9270e-003	4.9040e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.67
tblVehicleEF	LHD2	1.38	0.66
tblVehicleEF	LHD2	14.35	14.68
tblVehicleEF	LHD2	619.96	664.05
tblVehicleEF	LHD2	25.37	8.12
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.88	1.96
tblVehicleEF	LHD2	1.3140e-003	1.3790e-003
tblVehicleEF	LHD2	0.01	0.01

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.6400e-004	1.4200e-004
tblVehicleEF	LHD2	1.2570e-003	1.3190e-003
tblVehicleEF	LHD2	2.6760e-003	2.6850e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2700e-004	1.3000e-004
tblVehicleEF	LHD2	1.5970e-003	1.8540e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	7.6400e-004	8.3300e-004
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.11	0.35
tblVehicleEF	LHD2	0.14	0.05
tblVehicleEF	LHD2	6.0350e-003	6.4090e-003
tblVehicleEF	LHD2	2.7900e-004	8.0000e-005
tblVehicleEF	LHD2	1.5970e-003	1.8540e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6400e-004	8.3300e-004
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.11	0.35
tblVehicleEF	LHD2	0.15	0.06
tblVehicleEF	MCY	0.41	0.33
tblVehicleEF	MCY	0.16	0.25
tblVehicleEF	MCY	21.63	21.70
tblVehicleEF	MCY	9.90	8.75
tblVehicleEF	MCY	166.31	211.44

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MCY	47.31	62.20
tblVehicleEF	MCY	1.17	1.18
tblVehicleEF	MCY	1.7690e-003	1.7420e-003
tblVehicleEF	MCY	3.8320e-003	3.1620e-003
tblVehicleEF	MCY	1.6590e-003	1.6340e-003
tblVehicleEF	MCY	3.6220e-003	2.9860e-003
tblVehicleEF	MCY	1.45	1.43
tblVehicleEF	MCY	0.86	0.84
tblVehicleEF	MCY	0.81	0.80
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.51	2.16
tblVehicleEF	MCY	2.19	1.93
tblVehicleEF	MCY	2.0810e-003	2.0920e-003
tblVehicleEF	MCY	7.0000e-004	6.1600e-004
tblVehicleEF	MCY	1.45	1.43
tblVehicleEF	MCY	0.86	0.84
tblVehicleEF	MCY	0.81	0.80
tblVehicleEF	MCY	2.77	2.77
tblVehicleEF	MCY	0.51	2.16
tblVehicleEF	MCY	2.38	2.10
tblVehicleEF	MCY	0.41	0.33
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	21.75	21.83
tblVehicleEF	MCY	9.07	7.97
tblVehicleEF	MCY	166.31	211.41
tblVehicleEF	MCY	47.31	60.03
tblVehicleEF	MCY	1.00	1.00

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MCY	1.7690e-003	1.7420e-003
tblVehicleEF	MCY	3.8320e-003	3.1620e-003
tblVehicleEF	MCY	1.6590e-003	1.6340e-003
tblVehicleEF	MCY	3.6220e-003	2.9860e-003
tblVehicleEF	MCY	3.14	3.12
tblVehicleEF	MCY	1.28	1.27
tblVehicleEF	MCY	2.15	2.12
tblVehicleEF	MCY	2.21	2.21
tblVehicleEF	MCY	0.50	2.15
tblVehicleEF	MCY	1.88	1.65
tblVehicleEF	MCY	2.0810e-003	2.0920e-003
tblVehicleEF	MCY	6.7600e-004	5.9400e-004
tblVehicleEF	MCY	3.14	3.12
tblVehicleEF	MCY	1.28	1.27
tblVehicleEF	MCY	2.15	2.12
tblVehicleEF	MCY	2.70	2.69
tblVehicleEF	MCY	0.50	2.15
tblVehicleEF	MCY	2.05	1.79
tblVehicleEF	MCY	0.41	0.33
tblVehicleEF	MCY	0.15	0.25
tblVehicleEF	MCY	20.62	20.68
tblVehicleEF	MCY	9.51	8.39
tblVehicleEF	MCY	166.31	209.68
tblVehicleEF	MCY	47.31	61.38
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	1.7690e-003	1.7420e-003
tblVehicleEF	MCY	3.8320e-003	3.1620e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MCY	1.6590e-003	1.6340e-003
tblVehicleEF	MCY	3.6220e-003	2.9860e-003
tblVehicleEF	MCY	1.71	1.69
tblVehicleEF	MCY	1.15	1.12
tblVehicleEF	MCY	0.72	0.71
tblVehicleEF	MCY	2.24	2.23
tblVehicleEF	MCY	0.57	2.45
tblVehicleEF	MCY	2.11	1.85
tblVehicleEF	MCY	2.0640e-003	2.0750e-003
tblVehicleEF	MCY	6.9100e-004	6.0700e-004
tblVehicleEF	MCY	1.71	1.69
tblVehicleEF	MCY	1.15	1.12
tblVehicleEF	MCY	0.72	0.71
tblVehicleEF	MCY	2.73	2.72
tblVehicleEF	MCY	0.57	2.45
tblVehicleEF	MCY	2.30	2.01
tblVehicleEF	MDV	0.02	7.4600e-003
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	1.73	1.47
tblVehicleEF	MDV	3.93	3.71
tblVehicleEF	MDV	510.99	438.31
tblVehicleEF	MDV	113.32	92.88
tblVehicleEF	MDV	0.22	0.16
tblVehicleEF	MDV	1.8900e-003	1.7940e-003
tblVehicleEF	MDV	2.6570e-003	2.2880e-003
tblVehicleEF	MDV	1.7440e-003	1.6560e-003
tblVehicleEF	MDV	2.4460e-003	2.1070e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MDV	5.1260e-003	4.3340e-003
tblVehicleEF	MDV	1.2030e-003	9.1900e-004
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.34	0.59
tblVehicleEF	MDV	0.02	8.4130e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.07	1.77
tblVehicleEF	MDV	3.28	3.07
tblVehicleEF	MDV	556.34	466.62
tblVehicleEF	MDV	113.32	91.58
tblVehicleEF	MDV	0.20	0.14
tblVehicleEF	MDV	1.8900e-003	1.7940e-003
tblVehicleEF	MDV	2.6570e-003	2.2880e-003
tblVehicleEF	MDV	1.7440e-003	1.6560e-003
tblVehicleEF	MDV	2.4460e-003	2.1070e-003
tblVehicleEF	MDV	0.21	0.26
tblVehicleEF	MDV	0.25	0.22

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.26	0.45
tblVehicleEF	MDV	5.5850e-003	4.6140e-003
tblVehicleEF	MDV	1.1910e-003	9.0600e-004
tblVehicleEF	MDV	0.21	0.26
tblVehicleEF	MDV	0.25	0.22
tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.29	0.50
tblVehicleEF	MDV	0.01	7.2640e-003
tblVehicleEF	MDV	0.02	0.11
tblVehicleEF	MDV	1.63	1.39
tblVehicleEF	MDV	3.86	3.65
tblVehicleEF	MDV	500.39	431.57
tblVehicleEF	MDV	113.32	92.77
tblVehicleEF	MDV	0.21	0.15
tblVehicleEF	MDV	1.8900e-003	1.7940e-003
tblVehicleEF	MDV	2.6570e-003	2.2880e-003
tblVehicleEF	MDV	1.7440e-003	1.6560e-003
tblVehicleEF	MDV	2.4460e-003	2.1070e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.23	0.20
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.04	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MDV	0.13	0.63
tblVehicleEF	MDV	0.31	0.54
tblVehicleEF	MDV	5.0190e-003	4.2670e-003
tblVehicleEF	MDV	1.2020e-003	9.1800e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.23	0.20
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.13	0.63
tblVehicleEF	MDV	0.34	0.59
tblVehicleEF	MH	0.04	3.9290e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	4.29	0.37
tblVehicleEF	MH	7.50	0.00
tblVehicleEF	MH	1,044.38	962.75
tblVehicleEF	MH	61.75	0.00
tblVehicleEF	MH	1.73	4.84
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.5070e-003	0.00
tblVehicleEF	MH	3.2190e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.3940e-003	0.00
tblVehicleEF	MH	1.65	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.14	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.01	9.1010e-003
tblVehicleEF	MH	7.4900e-004	0.00
tblVehicleEF	MH	1.65	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.19	0.10
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.05	3.9290e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	4.46	0.37
tblVehicleEF	MH	6.85	0.00
tblVehicleEF	MH	1,044.38	962.75
tblVehicleEF	MH	61.75	0.00
tblVehicleEF	MH	1.58	4.55
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.5070e-003	0.00
tblVehicleEF	MH	3.2190e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.3940e-003	0.00
tblVehicleEF	MH	3.30	0.00
tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	1.37	0.00
tblVehicleEF	MH	0.14	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.42	0.00
tblVehicleEF	MH	0.01	9.1010e-003
tblVehicleEF	MH	7.3800e-004	0.00
tblVehicleEF	MH	3.30	0.00
tblVehicleEF	MH	0.12	0.00
tblVehicleEF	MH	1.37	0.00
tblVehicleEF	MH	0.20	0.10
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.04	3.9290e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	4.28	0.37
tblVehicleEF	MH	7.39	0.00
tblVehicleEF	MH	1,044.38	962.75
tblVehicleEF	MH	61.75	0.00
tblVehicleEF	MH	1.69	4.76
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.5070e-003	0.00
tblVehicleEF	MH	3.2190e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.3940e-003	0.00
tblVehicleEF	MH	2.00	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.59	0.00
tblVehicleEF	MH	0.14	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.01	9.1010e-003
tblVehicleEF	MH	7.4700e-004	0.00
tblVehicleEF	MH	2.00	0.00
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.59	0.00
tblVehicleEF	MH	0.19	0.10
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MHD	0.02	3.2690e-003
tblVehicleEF	MHD	6.5200e-003	7.4410e-003
tblVehicleEF	MHD	0.06	9.2700e-003
tblVehicleEF	MHD	0.41	0.34
tblVehicleEF	MHD	0.48	0.67
tblVehicleEF	MHD	6.64	1.11
tblVehicleEF	MHD	157.61	72.65
tblVehicleEF	MHD	1,102.10	1,047.06
tblVehicleEF	MHD	54.49	8.73
tblVehicleEF	MHD	0.99	0.68
tblVehicleEF	MHD	1.67	2.66
tblVehicleEF	MHD	2.8010e-003	2.4760e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.7800e-004	1.1500e-004
tblVehicleEF	MHD	2.6800e-003	2.3690e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.0700e-004	1.0600e-004

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MHD	1.5850e-003	7.5000e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.7500e-004	3.6500e-004
tblVehicleEF	MHD	0.08	0.13
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.5150e-003	6.8900e-004
tblVehicleEF	MHD	0.01	9.9770e-003
tblVehicleEF	MHD	6.6100e-004	8.6000e-005
tblVehicleEF	MHD	1.5850e-003	7.5000e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	7.7500e-004	3.6500e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.44	0.05
tblVehicleEF	MHD	0.02	3.0990e-003
tblVehicleEF	MHD	6.6290e-003	7.5050e-003
tblVehicleEF	MHD	0.06	8.8360e-003
tblVehicleEF	MHD	0.29	0.28
tblVehicleEF	MHD	0.49	0.68
tblVehicleEF	MHD	6.20	1.04
tblVehicleEF	MHD	166.94	74.24
tblVehicleEF	MHD	1,102.10	1,047.07
tblVehicleEF	MHD	54.49	8.61
tblVehicleEF	MHD	1.02	0.69

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MHD	1.57	2.50
tblVehicleEF	MHD	2.3620e-003	2.0900e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.7800e-004	1.1500e-004
tblVehicleEF	MHD	2.2590e-003	1.9990e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.0700e-004	1.0600e-004
tblVehicleEF	MHD	3.1650e-003	1.5010e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.8350e-003	8.6900e-004
tblVehicleEF	MHD	0.08	0.13
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.38	0.05
tblVehicleEF	MHD	1.6030e-003	7.0400e-004
tblVehicleEF	MHD	0.01	9.9770e-003
tblVehicleEF	MHD	6.5400e-004	8.5000e-005
tblVehicleEF	MHD	3.1650e-003	1.5010e-003
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.8350e-003	8.6900e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.13
tblVehicleEF	MHD	0.42	0.05
tblVehicleEF	MHD	0.02	3.5160e-003
tblVehicleEF	MHD	6.5300e-003	7.4460e-003
tblVehicleEF	MHD	0.06	9.1670e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MHD	0.56	0.43
tblVehicleEF	MHD	0.48	0.68
tblVehicleEF	MHD	6.52	1.09
tblVehicleEF	MHD	144.70	70.46
tblVehicleEF	MHD	1,102.10	1,047.06
tblVehicleEF	MHD	54.49	8.70
tblVehicleEF	MHD	0.94	0.66
tblVehicleEF	MHD	1.64	2.61
tblVehicleEF	MHD	3.4090e-003	3.0090e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.7800e-004	1.1500e-004
tblVehicleEF	MHD	3.2610e-003	2.8790e-003
tblVehicleEF	MHD	0.04	0.08
tblVehicleEF	MHD	8.0700e-004	1.0600e-004
tblVehicleEF	MHD	1.7730e-003	8.4100e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.6800e-004	3.6200e-004
tblVehicleEF	MHD	0.08	0.13
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.3930e-003	6.6800e-004
tblVehicleEF	MHD	0.01	9.9770e-003
tblVehicleEF	MHD	6.5900e-004	8.6000e-005
tblVehicleEF	MHD	1.7730e-003	8.4100e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	MHD	7.6800e-004	3.6200e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.43	0.05
tblVehicleEF	OBUS	0.01	9.4880e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.27	0.49
tblVehicleEF	OBUS	0.84	1.38
tblVehicleEF	OBUS	7.08	2.89
tblVehicleEF	OBUS	69.66	68.94
tblVehicleEF	OBUS	1,125.58	1,531.86
tblVehicleEF	OBUS	71.49	22.61
tblVehicleEF	OBUS	0.36	0.44
tblVehicleEF	OBUS	1.31	1.73
tblVehicleEF	OBUS	1.6600e-004	2.0970e-003
tblVehicleEF	OBUS	6.3680e-003	0.03
tblVehicleEF	OBUS	9.0100e-004	2.3900e-004
tblVehicleEF	OBUS	1.5900e-004	2.0060e-003
tblVehicleEF	OBUS	6.0730e-003	0.03
tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	2.2890e-003	2.8330e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	9.6000e-004	1.1430e-003
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.05	0.31

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	OBUS	0.44	0.14
tblVehicleEF	OBUS	6.7700e-004	6.5900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.3900e-004	2.2400e-004
tblVehicleEF	OBUS	2.2890e-003	2.8330e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.6000e-004	1.1430e-003
tblVehicleEF	OBUS	0.07	0.13
tblVehicleEF	OBUS	0.05	0.31
tblVehicleEF	OBUS	0.48	0.15
tblVehicleEF	OBUS	0.01	9.5010e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.26	0.46
tblVehicleEF	OBUS	0.86	1.41
tblVehicleEF	OBUS	6.48	2.65
tblVehicleEF	OBUS	72.76	69.63
tblVehicleEF	OBUS	1,125.58	1,531.92
tblVehicleEF	OBUS	71.49	22.21
tblVehicleEF	OBUS	0.37	0.44
tblVehicleEF	OBUS	1.21	1.60
tblVehicleEF	OBUS	1.4000e-004	1.7700e-003
tblVehicleEF	OBUS	6.3680e-003	0.03
tblVehicleEF	OBUS	9.0100e-004	2.3900e-004
tblVehicleEF	OBUS	1.3400e-004	1.6940e-003
tblVehicleEF	OBUS	6.0730e-003	0.03

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	4.4650e-003	5.5400e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.2300e-003	2.6720e-003
tblVehicleEF	OBUS	0.06	0.10
tblVehicleEF	OBUS	0.05	0.31
tblVehicleEF	OBUS	0.41	0.13
tblVehicleEF	OBUS	7.0700e-004	6.6500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	4.4650e-003	5.5400e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	2.2300e-003	2.6720e-003
tblVehicleEF	OBUS	0.07	0.13
tblVehicleEF	OBUS	0.05	0.31
tblVehicleEF	OBUS	0.45	0.15
tblVehicleEF	OBUS	0.01	9.5070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.29	0.52
tblVehicleEF	OBUS	0.84	1.38
tblVehicleEF	OBUS	7.02	2.87
tblVehicleEF	OBUS	65.38	68.00
tblVehicleEF	OBUS	1,125.58	1,531.87
tblVehicleEF	OBUS	71.49	22.58

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	OBUS	0.35	0.44
tblVehicleEF	OBUS	1.28	1.70
tblVehicleEF	OBUS	2.0300e-004	2.5470e-003
tblVehicleEF	OBUS	6.3680e-003	0.03
tblVehicleEF	OBUS	9.0100e-004	2.3900e-004
tblVehicleEF	OBUS	1.9400e-004	2.4370e-003
tblVehicleEF	OBUS	6.0730e-003	0.03
tblVehicleEF	OBUS	8.2900e-004	2.2000e-004
tblVehicleEF	OBUS	2.4760e-003	3.1080e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	9.7500e-004	1.1620e-003
tblVehicleEF	OBUS	0.05	0.10
tblVehicleEF	OBUS	0.06	0.33
tblVehicleEF	OBUS	0.44	0.14
tblVehicleEF	OBUS	6.3600e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.3800e-004	2.2300e-004
tblVehicleEF	OBUS	2.4760e-003	3.1080e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	9.7500e-004	1.1620e-003
tblVehicleEF	OBUS	0.07	0.13
tblVehicleEF	OBUS	0.06	0.33
tblVehicleEF	OBUS	0.48	0.15
tblVehicleEF	SBUS	0.87	0.04
tblVehicleEF	SBUS	0.01	7.8850e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	SBUS	0.08	3.7580e-003
tblVehicleEF	SBUS	5.54	1.74
tblVehicleEF	SBUS	0.77	0.66
tblVehicleEF	SBUS	5.64	0.52
tblVehicleEF	SBUS	1,282.62	337.41
tblVehicleEF	SBUS	1,152.18	1,158.46
tblVehicleEF	SBUS	35.03	3.01
tblVehicleEF	SBUS	13.20	3.54
tblVehicleEF	SBUS	5.57	5.66
tblVehicleEF	SBUS	0.02	4.9280e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	5.0700e-004	2.8000e-005
tblVehicleEF	SBUS	0.01	4.7150e-003
tblVehicleEF	SBUS	2.7710e-003	2.7830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.6600e-004	2.6000e-005
tblVehicleEF	SBUS	3.3280e-003	7.8600e-004
tblVehicleEF	SBUS	0.02	5.8070e-003
tblVehicleEF	SBUS	0.67	0.18
tblVehicleEF	SBUS	1.3510e-003	3.4400e-004
tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.29	0.02
tblVehicleEF	SBUS	0.01	3.2060e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4800e-004	3.0000e-005

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	SBUS	3.3280e-003	7.8600e-004
tblVehicleEF	SBUS	0.02	5.8070e-003
tblVehicleEF	SBUS	0.95	0.26
tblVehicleEF	SBUS	1.3510e-003	3.4400e-004
tblVehicleEF	SBUS	0.15	0.13
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	0.87	0.04
tblVehicleEF	SBUS	0.01	7.9830e-003
tblVehicleEF	SBUS	0.06	3.1210e-003
tblVehicleEF	SBUS	5.38	1.70
tblVehicleEF	SBUS	0.78	0.67
tblVehicleEF	SBUS	3.86	0.37
tblVehicleEF	SBUS	1,348.56	346.48
tblVehicleEF	SBUS	1,152.18	1,158.48
tblVehicleEF	SBUS	35.03	2.75
tblVehicleEF	SBUS	13.63	3.62
tblVehicleEF	SBUS	5.22	5.31
tblVehicleEF	SBUS	0.01	4.1620e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	5.0700e-004	2.8000e-005
tblVehicleEF	SBUS	0.01	3.9820e-003
tblVehicleEF	SBUS	2.7710e-003	2.7830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.6600e-004	2.6000e-005
tblVehicleEF	SBUS	6.4210e-003	1.4060e-003

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	SBUS	0.03	6.2120e-003
tblVehicleEF	SBUS	0.66	0.18
tblVehicleEF	SBUS	3.0640e-003	6.6900e-004
tblVehicleEF	SBUS	0.13	0.11
tblVehicleEF	SBUS	0.01	0.04
tblVehicleEF	SBUS	0.24	0.02
tblVehicleEF	SBUS	0.01	3.2910e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.1800e-004	2.7000e-005
tblVehicleEF	SBUS	6.4210e-003	1.4060e-003
tblVehicleEF	SBUS	0.03	6.2120e-003
tblVehicleEF	SBUS	0.95	0.26
tblVehicleEF	SBUS	3.0640e-003	6.6900e-004
tblVehicleEF	SBUS	0.15	0.13
tblVehicleEF	SBUS	0.01	0.04
tblVehicleEF	SBUS	0.26	0.02
tblVehicleEF	SBUS	0.88	0.04
tblVehicleEF	SBUS	0.01	7.8800e-003
tblVehicleEF	SBUS	0.08	3.8540e-003
tblVehicleEF	SBUS	5.77	1.80
tblVehicleEF	SBUS	0.77	0.66
tblVehicleEF	SBUS	5.69	0.54
tblVehicleEF	SBUS	1,191.56	324.88
tblVehicleEF	SBUS	1,152.18	1,158.46
tblVehicleEF	SBUS	35.03	3.04
tblVehicleEF	SBUS	12.62	3.43
tblVehicleEF	SBUS	5.48	5.57

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	SBUS	0.02	5.9860e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	5.0700e-004	2.8000e-005
tblVehicleEF	SBUS	0.02	5.7270e-003
tblVehicleEF	SBUS	2.7710e-003	2.7830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	4.6600e-004	2.6000e-005
tblVehicleEF	SBUS	3.5990e-003	8.1900e-004
tblVehicleEF	SBUS	0.03	6.4950e-003
tblVehicleEF	SBUS	0.67	0.18
tblVehicleEF	SBUS	1.3510e-003	3.5700e-004
tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.02
tblVehicleEF	SBUS	0.01	3.0870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4900e-004	3.0000e-005
tblVehicleEF	SBUS	3.5990e-003	8.1900e-004
tblVehicleEF	SBUS	0.03	6.4950e-003
tblVehicleEF	SBUS	0.96	0.26
tblVehicleEF	SBUS	1.3510e-003	3.5700e-004
tblVehicleEF	SBUS	0.15	0.13
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.33	0.02
tblVehicleEF	UBUS	2.06	4.21
tblVehicleEF	UBUS	0.09	0.02

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	UBUS	10.29	32.46
tblVehicleEF	UBUS	15.37	1.48
tblVehicleEF	UBUS	1,878.06	1,734.42
tblVehicleEF	UBUS	133.67	17.53
tblVehicleEF	UBUS	7.05	0.44
tblVehicleEF	UBUS	0.53	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	2.6710e-003
tblVehicleEF	UBUS	1.3540e-003	1.5800e-004
tblVehicleEF	UBUS	0.23	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	0.08	2.5430e-003
tblVehicleEF	UBUS	1.2450e-003	1.4500e-004
tblVehicleEF	UBUS	8.7400e-003	1.5800e-003
tblVehicleEF	UBUS	0.13	9.1420e-003
tblVehicleEF	UBUS	4.1930e-003	6.5600e-004
tblVehicleEF	UBUS	0.72	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.23	0.07
tblVehicleEF	UBUS	0.01	4.0080e-003
tblVehicleEF	UBUS	1.6160e-003	1.7300e-004
tblVehicleEF	UBUS	8.7400e-003	1.5800e-003
tblVehicleEF	UBUS	0.13	9.1420e-003
tblVehicleEF	UBUS	4.1930e-003	6.5600e-004
tblVehicleEF	UBUS	2.85	4.31
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.34	0.08

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	UBUS	2.07	4.21
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	10.40	32.46
tblVehicleEF	UBUS	12.59	1.21
tblVehicleEF	UBUS	1,878.06	1,734.42
tblVehicleEF	UBUS	133.67	17.09
tblVehicleEF	UBUS	6.56	0.44
tblVehicleEF	UBUS	0.53	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	2.6710e-003
tblVehicleEF	UBUS	1.3540e-003	1.5800e-004
tblVehicleEF	UBUS	0.23	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	0.08	2.5430e-003
tblVehicleEF	UBUS	1.2450e-003	1.4500e-004
tblVehicleEF	UBUS	0.02	3.0300e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	9.9910e-003	1.5490e-003
tblVehicleEF	UBUS	0.73	0.07
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.09	0.06
tblVehicleEF	UBUS	0.01	4.0080e-003
tblVehicleEF	UBUS	1.5680e-003	1.6900e-004
tblVehicleEF	UBUS	0.02	3.0300e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	9.9910e-003	1.5490e-003
tblVehicleEF	UBUS	2.87	4.31

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	1.20	0.07
tblVehicleEF	UBUS	2.06	4.21
tblVehicleEF	UBUS	0.09	0.02
tblVehicleEF	UBUS	10.30	32.46
tblVehicleEF	UBUS	14.85	1.44
tblVehicleEF	UBUS	1,878.06	1,734.42
tblVehicleEF	UBUS	133.67	17.48
tblVehicleEF	UBUS	6.92	0.44
tblVehicleEF	UBUS	0.53	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.08	2.6710e-003
tblVehicleEF	UBUS	1.3540e-003	1.5800e-004
tblVehicleEF	UBUS	0.23	0.03
tblVehicleEF	UBUS	3.0000e-003	6.3130e-003
tblVehicleEF	UBUS	0.08	2.5430e-003
tblVehicleEF	UBUS	1.2450e-003	1.4500e-004
tblVehicleEF	UBUS	0.01	1.6780e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	4.4110e-003	6.4600e-004
tblVehicleEF	UBUS	0.72	0.07
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.21	0.07
tblVehicleEF	UBUS	0.01	4.0080e-003
tblVehicleEF	UBUS	1.6070e-003	1.7300e-004
tblVehicleEF	UBUS	0.01	1.6780e-003
tblVehicleEF	UBUS	0.16	0.01

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

tblVehicleEF	UBUS	4.4110e-003	6.4600e-004
tblVehicleEF	UBUS	2.86	4.31
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.32	0.08

2.0 Emissions Summary

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4416	77.3776	24.9868	0.1736	19.8582	2.3917	22.2499	10.1558	2.2004	12.3562	0.0000	18,193.89 22	18,193.89 22	1.8579	0.0000	18,240.33 92
2020	6.6430	24.0697	21.4921	0.0444	1.0416	1.2151	2.2567	0.2806	1.1411	1.4217	0.0000	4,331.150 1	4,331.150 1	0.7666	0.0000	4,350.314 2
Maximum	6.6430	77.3776	24.9868	0.1736	19.8582	2.3917	22.2499	10.1558	2.2004	12.3562	0.0000	18,193.89 22	18,193.89 22	1.8579	0.0000	18,240.33 92

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4416	77.3776	24.9868	0.1736	7.8674	2.3917	10.2591	3.9933	2.2004	6.1937	0.0000	18,193.89 22	18,193.89 22	1.8579	0.0000	18,240.33 92
2020	6.6430	24.0697	21.4921	0.0444	1.0416	1.2151	2.2567	0.2806	1.1411	1.4217	0.0000	4,331.150 1	4,331.150 1	0.7666	0.0000	4,350.314 2
Maximum	6.6430	77.3776	24.9868	0.1736	7.8674	2.3917	10.2591	3.9933	2.2004	6.1937	0.0000	18,193.89 22	18,193.89 22	1.8579	0.0000	18,240.33 92

	ROG	NOx	CO	SO2	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	57.37	0.00	48.93	59.05	0.00	44.73	0.00	0.00	0.00	0.00	0.00	0.00

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249
Energy	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Mobile	0.1283	0.5152	1.1374	3.3500e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		344.5349	344.5349	0.0171		344.9624
Total	0.5388	0.6193	2.5030	7.1000e-003	0.2882	0.1749	0.4630	0.0770	0.1745	0.2516	23.6066	452.5344	476.1410	0.1302	1.9700e-003	479.9825

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	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249
Energy	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Mobile	0.1283	0.5152	1.1374	3.3500e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		344.5349	344.5349	0.0171		344.9624
Total	0.5388	0.6193	2.5030	7.1000e-003	0.2882	0.1749	0.4630	0.0770	0.1745	0.2516	23.6066	452.5344	476.1410	0.1302	1.9700e-003	479.9825

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/1/2019	11/7/2019	5	5	
2	Grading	Grading	12/6/2019	12/17/2019	5	8	
3	Building Construction	Building Construction	12/18/2019	11/3/2020	5	230	
4	Paving	Paving	11/4/2020	11/27/2020	5	18	
5	Architectural Coating	Architectural Coating	11/4/2020	11/27/2020	5	18	

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 4.08

Residential Indoor: 19,238; Residential Outdoor: 6,413; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 10,668 (Architectural Coating – sqft)

OffRoad Equipment

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,474.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	76.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	19.6570	2.3904	22.0474	10.1025	2.1991	12.3016		3,766.4529	3,766.4529	1.1917		3,796.2445

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.2 Site Preparation - 2019**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	0.1066	0.0747	0.7388	1.8900e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		188.3485	188.3485	6.1800e-003		188.5030
Total	0.1066	0.0747	0.7388	1.8900e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		188.3485	188.3485	6.1800e-003		188.5030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6662	0.0000	7.6662	3.9400	0.0000	3.9400			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	7.6662	2.3904	10.0566	3.9400	2.1991	6.1391	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.2 Site Preparation - 2019**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	0.1066	0.0747	0.7388	1.8900e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		188.3485	188.3485	6.1800e-003		188.5030
Total	0.1066	0.0747	0.7388	1.8900e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		188.3485	188.3485	6.1800e-003		188.5030

3.3 Grading - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2493	0.0000	7.2493	3.4500	0.0000	3.4500			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	7.2493	1.3974	8.6466	3.4500	1.2856	4.7355		2,936.8068	2,936.8068	0.9292		2,960.0361

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.3 Grading - 2019**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	1.2894	48.9673	8.0777	0.1423	3.2246	0.1660	3.3906	0.8841	0.1588	1.0429		15,100.1284	15,100.1284	0.9236		15,123.2173
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0888	0.0623	0.6157	1.5800e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		156.9571	156.9571	5.1500e-003		157.0858
Total	1.3781	49.0296	8.6934	0.1439	3.3923	0.1671	3.5594	0.9286	0.1599	1.0884		15,257.0855	15,257.0855	0.9287		15,280.3031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8272	0.0000	2.8272	1.3455	0.0000	1.3455			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	2.8272	1.3974	4.2246	1.3455	1.2856	2.6311	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.3 Grading - 2019**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	1.2894	48.9673	8.0777	0.1423	3.2246	0.1660	3.3906	0.8841	0.1588	1.0429		15,100.1284	15,100.1284	0.9236		15,123.2173
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0888	0.0623	0.6157	1.5800e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		156.9571	156.9571	5.1500e-003		157.0858
Total	1.3781	49.0296	8.6934	0.1439	3.3923	0.1671	3.5594	0.9286	0.1599	1.0884		15,257.0855	15,257.0855	0.9287		15,280.3031

3.4 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958		2,778.3097	2,778.3097	0.6904		2,795.5700
Total	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958		2,778.3097	2,778.3097	0.6904		2,795.5700

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.4 Building Construction - 2019**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	0.1130	3.4346	0.8077	7.8800e-003	0.1922	0.0219	0.2140	0.0553	0.0209	0.0763		830.8471	830.8471	0.0645		832.4585
Worker	0.4499	0.3156	3.1195	7.9900e-003	0.8495	5.7100e-003	0.8552	0.2253	5.2600e-003	0.2306		795.2492	795.2492	0.0261		795.9015
Total	0.5629	3.7502	3.9272	0.0159	1.0417	0.0276	1.0693	0.2806	0.0262	0.3068		1,626.0964	1,626.0964	0.0906		1,628.3600

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	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958	0.0000	2,778.3097	2,778.3097	0.6904		2,795.5700
Total	2.5115	22.7062	18.3139	0.0288		1.3802	1.3802		1.2958	1.2958	0.0000	2,778.3097	2,778.3097	0.6904		2,795.5700

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.4 Building Construction - 2019**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	0.1130	3.4346	0.8077	7.8800e-003	0.1922	0.0219	0.2140	0.0553	0.0209	0.0763		830.8471	830.8471	0.0645		832.4585
Worker	0.4499	0.3156	3.1195	7.9900e-003	0.8495	5.7100e-003	0.8552	0.2253	5.2600e-003	0.2306		795.2492	795.2492	0.0261		795.9015
Total	0.5629	3.7502	3.9272	0.0159	1.0417	0.0276	1.0693	0.2806	0.0262	0.3068		1,626.0964	1,626.0964	0.0906		1,628.3600

3.4 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218		2,735.6999	2,735.6999	0.6819		2,752.7481
Total	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218		2,735.6999	2,735.6999	0.6819		2,752.7481

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.4 Building Construction - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0961	3.1402	0.7151	7.8200e-003	0.1921	0.0148	0.2069	0.0553	0.0141	0.0694		825.0003	825.0003	0.0616		826.5413
Worker	0.4150	0.2801	2.8091	7.7400e-003	0.8495	5.5700e-003	0.8551	0.2253	5.1300e-003	0.2304		770.4498	770.4498	0.0230		771.0248
Total	0.5111	3.4203	3.5242	0.0156	1.0416	0.0203	1.0620	0.2806	0.0192	0.2999		1,595.4502	1,595.4502	0.0846		1,597.5661

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	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218	0.0000	2,735.6999	2,735.6999	0.6819		2,752.7481
Total	2.2551	20.6494	17.9678	0.0288		1.1948	1.1948		1.1218	1.1218	0.0000	2,735.6999	2,735.6999	0.6819		2,752.7481

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.4 Building Construction - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0961	3.1402	0.7151	7.8200e-003	0.1921	0.0148	0.2069	0.0553	0.0141	0.0694		825.0003	825.0003	0.0616		826.5413
Worker	0.4150	0.2801	2.8091	7.7400e-003	0.8495	5.5700e-003	0.8551	0.2253	5.1300e-003	0.2304		770.4498	770.4498	0.0230		771.0248
Total	0.5111	3.4203	3.5242	0.0156	1.0416	0.0203	1.0620	0.2806	0.0192	0.2999		1,595.4502	1,595.4502	0.0846		1,597.5661

3.5 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4209	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180		2,154.2625	2,154.2625	0.6746		2,171.1261
Paving	0.0320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4529	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180		2,154.2625	2,154.2625	0.6746		2,171.1261

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.5 Paving - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0737	0.7393	2.0400e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		202.7500	202.7500	6.0500e-003		202.9013
Total	0.1092	0.0737	0.7393	2.0400e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		202.7500	202.7500	6.0500e-003		202.9013

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	1.4209	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180	0.0000	2,154.2625	2,154.2625	0.6746		2,171.1261
Paving	0.0320					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4529	14.0968	14.6504	0.0226		0.7779	0.7779		0.7180	0.7180	0.0000	2,154.2625	2,154.2625	0.6746		2,171.1261

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.5 Paving - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0737	0.7393	2.0400e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		202.7500	202.7500	6.0500e-003		202.9013
Total	0.1092	0.0737	0.7393	2.0400e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		202.7500	202.7500	6.0500e-003		202.9013

3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6761					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904
Total	4.9990	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.6 Architectural Coating - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0553	0.5544	1.5300e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		152.0625	152.0625	4.5400e-003		152.1760
Total	0.0819	0.0553	0.5544	1.5300e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		152.0625	152.0625	4.5400e-003		152.1760

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	4.6761					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479	0.0000	375.2641	375.2641	0.0291		375.9904
Total	4.9990	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479	0.0000	375.2641	375.2641	0.0291		375.9904

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

3.6 Architectural Coating - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0553	0.5544	1.5300e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		152.0625	152.0625	4.5400e-003		152.1760
Total	0.0819	0.0553	0.5544	1.5300e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		152.0625	152.0625	4.5400e-003		152.1760

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1283	0.5152	1.1374	3.3500e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		344.5349	344.5349	0.0171		344.9624
Unmitigated	0.1283	0.5152	1.1374	3.3500e-003	0.2882	6.2200e-003	0.2944	0.0770	5.9000e-003	0.0829		344.5349	344.5349	0.0171		344.9624

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	38.08	39.64	34.48	129,129	129,129
Total	38.08	39.64	34.48	129,129	129,129

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.546179	0.037976	0.179086	0.122965	0.018430	0.005460	0.017497	0.061396	0.001337	0.001657	0.006117	0.000817	0.001082
Other Non-Asphalt Surfaces	0.546179	0.037976	0.179086	0.122965	0.018430	0.005460	0.017497	0.061396	0.001337	0.001657	0.006117	0.000817	0.001082
Single Family Housing	0.546179	0.037976	0.179086	0.122965	0.018430	0.005460	0.017497	0.061396	0.001337	0.001657	0.006117	0.000817	0.001082

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	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
NaturalGas Unmitigated	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	192.615	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Total		2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0.192615	2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952
Total		2.0800e-003	0.0178	7.5500e-003	1.1000e-004		1.4400e-003	1.4400e-003		1.4400e-003	1.4400e-003		22.6606	22.6606	4.3000e-004	4.2000e-004	22.7952

6.0 Area Detail

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

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	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249
Unmitigated	0.4084	0.0863	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, 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	0.0298					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1157	0.0824	1.0086	3.6200e-003		0.1653	0.1653		0.1653	0.1653	23.6066	84.7059	108.3124	0.1120	1.5500e-003	111.5747
Landscaping	0.0118	4.0000e-003	0.3494	2.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		0.6331	0.6331	6.8000e-004		0.6502
Total	0.4084	0.0864	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0298					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1157	0.0824	1.0086	3.6200e-003		0.1653	0.1653		0.1653	0.1653	23.6066	84.7059	108.3124	0.1120	1.5500e-003	111.5747
Landscaping	0.0118	4.0000e-003	0.3494	2.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003		0.6331	0.6331	6.8000e-004		0.6502
Total	0.4084	0.0864	1.3580	3.6400e-003		0.1672	0.1672		0.1672	0.1672	23.6066	85.3390	108.9456	0.1127	1.5500e-003	112.2249

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

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

Tentative Parcel Map 20121 (Construction & Operations - Unmitigated) - San Bernardino-South Coast County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
