

## Communication from Public

**Name:**

**Date Submitted:** 06/06/2023 08:56 AM

**Council File No:** 22-1219

**Comments for Public Posting:** Please find attached our office's comment letter for city council file no. 22-1219 - 905 Beacon avenue.

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**VIA E-MAIL**

June 6, 2023

City Clerk  
City of Los Angeles  
200 N. Spring St., Room 395  
Los Angeles, CA 90012  
Em: [clerk.plumcommittee@lacity.org](mailto:clerk.plumcommittee@lacity.org)

**RE: 905-923 Beacon Ave. Project [ENV-2020-7605-SCPE]**

Dear City of Los Angeles Planning and Land Use Committee,

On behalf of the Southwest Mountain States Regional Council of Carpenters (“**The Carpenters**” or “**SWMSRCC**”), my Office is submitting these comments regarding the 905-923 Beacon Ave. project (“**Project**”).

The Project proposes demolition and removal of an existing surface parking lot from the Project Site and development of the site with a seven-story, 119,508- square-foot mixed-use building, which would include 145 multi-family residential dwelling units and up to 2,000 square feet of neighborhood-serving commercial uses.

SWMSRCC is a labor union representing 50,000 union carpenters in six states, including California, and has a strong interest in well ordered land use planning and addressing the environmental impacts of development projects. Individual members of the Southwest Carpenters live, work and recreate in the City and surrounding communities and would be directly affected by the Project’s environmental impacts.

SWMSRCC expressly reserves the right to supplement these comments at or prior to hearings on the Project, and at any later hearings and proceedings related to this Project. Cal. Gov. Code § 65009(b); Cal. Pub. Res. Code § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist.* (1997) 60 Cal. App. 4th 1109, 1121.

SWMSRCC incorporates by reference all comments raising issues regarding the Project’s environmental review submitted prior to approval of the Project. *Citizens for Clean Energy v. City of Woodland* (2014) 225 Cal. App. 4th 173, 191 (finding that any

party who has objected to the Project’s environmental documentation may assert any issue timely raised by other parties).

SWMSRCC also requests that the City provide notice for any and all notices referring or related to the Project issued under the California Environmental Quality Act (“**CEQA**”), Cal Public Resources Code (“**PRC**”) § 21000 *et seq.*, and the California Planning and Zoning Law (“**Planning and Zoning Law**”), Cal. Gov’t Code §§ 65000–65010. California Public Resources Code Sections 21092.2, and 21167(f) and Government Code Section 65092 require agencies to mail such notices to any person who has filed a written request for them with the clerk of the agency’s governing body.

## **I. THE CITY SHOULD REQUIRE THE USE OF A LOCAL WORKFORCE TO BENEFIT THE COMMUNITY’S ECONOMIC DEVELOPMENT AND ENVIRONMENT**

As noted in our previous letters, the City should require the Project to be built using a local workers who have graduated from a Joint Labor-Management Apprenticeship Program approved by the State of California, have at least as many hours of on-the-job experience in the applicable craft which would be required to graduate from such a state-approved apprenticeship training program, or who are registered apprentices in a state-approved apprenticeship training program.

Community benefits such as local hire can also be helpful to reduce environmental impacts and improve the positive economic impact of the Project. Local hire provisions requiring that a certain percentage of workers reside within 10 miles or less of the Project site can reduce the length of vendor trips, reduce greenhouse gas emissions, and provide localized economic benefits. As environmental consultants Matt Hagemann and Paul E. Rosenfeld note:

[A]ny local hire requirement that results in a decreased worker trip length from the default value has the potential to result in a reduction of construction-related GHG emissions, though the significance of the reduction would vary based on the location and urbanization level of the project site.

March 8, 2021 SWAPE Letter to Mitchell M. Tsai re Local Hire Requirements and Considerations for Greenhouse Gas Modeling.

Workforce requirements promote the development of skilled trades that yield sustainable economic development. As the California Workforce Development Board

and the University of California, Berkeley Center for Labor Research and Education concluded:

[L]abor should be considered an investment rather than a cost—and investments in growing, diversifying, and upskilling California’s workforce can positively affect returns on climate mitigation efforts. In other words, well-trained workers are key to delivering emissions reductions and moving California closer to its climate targets.<sup>1</sup>

Furthermore, workforce policies have significant environmental benefits given that they improve an area’s jobs-housing balance, decreasing the amount and length of job commutes and the associated greenhouse gas (“**GHG**”) emissions. In fact, on May 7, 2021, the South Coast Air Quality Management District found that that the “[u]se of a local state-certified apprenticeship program” can result in air pollutant reductions.<sup>2</sup>

Locating jobs closer to residential areas can have significant environmental benefits. As the California Planning Roundtable noted in 2008:

People who live and work in the same jurisdiction would be more likely to take transit, walk, or bicycle to work than residents of less balanced communities and their vehicle trips would be shorter. Benefits would include potential reductions in both vehicle miles traveled and vehicle hours traveled.<sup>3</sup>

Moreover, local hire mandates and skill-training are critical facets of a strategy to reduce vehicle miles traveled (“**VMT**”). As planning experts Robert Cervero and Michael Duncan have noted, simply placing jobs near housing stock is insufficient to achieve VMT reductions given that the skill requirements of available local jobs must

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<sup>1</sup> California Workforce Development Board (2020) Putting California on the High Road: A Jobs and Climate Action Plan for 2030 at p. ii, *available at* <https://laborcenter.berkeley.edu/wp-content/uploads/2020/09/Putting-California-on-the-High-Road.pdf>.

<sup>2</sup> South Coast Air Quality Management District (May 7, 2021) Certify Final Environmental Assessment and Adopt Proposed Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions Program, and Proposed Rule 316 – Fees for Rule 2305, Submit Rule 2305 for Inclusion Into the SIP, and Approve Supporting Budget Actions, *available at* <http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2021/2021-May7-027.pdf?sfvrsn=10>.

<sup>3</sup> California Planning Roundtable (2008) Deconstructing Jobs-Housing Balance at p. 6, *available at* <https://cproundtable.org/static/media/uploads/publications/cpr-jobs-housing.pdf>

match those held by local residents.<sup>4</sup> Some municipalities have even tied local hire and other workforce policies to local development permits to address transportation issues. Cervero and Duncan note that:

In nearly built-out Berkeley, CA, the approach to balancing jobs and housing is to create local jobs rather than to develop new housing. The city's First Source program encourages businesses to hire local residents, especially for entry- and intermediate-level jobs, and sponsors vocational training to ensure residents are employment-ready. While the program is voluntary, some 300 businesses have used it to date, placing more than 3,000 city residents in local jobs since it was launched in 1986. When needed, these carrots are matched by sticks, since the city is not shy about negotiating corporate participation in First Source as a condition of approval for development permits.

Recently, the State of California verified its commitment towards workforce development through the Affordable Housing and High Road Jobs Act of 2022, otherwise known as Assembly Bill No. 2011 (“**AB2011**”). AB2011 amended the Planning and Zoning Law to allow ministerial, by-right approval for projects being built alongside commercial corridors that meet affordability and labor requirements.

The City should consider utilizing local workforce policies and requirements to benefit the local area economically and to mitigate greenhouse gas, improve air quality, and reduce transportation impacts.

## **II. THE CITY SHOULD IMPOSE TRAINING REQUIREMENTS FOR THE PROJECT'S CONSTRUCTION ACTIVITIES TO PREVENT COMMUNITY SPREAD OF COVID-19 AND OTHER INFECTIOUS DISEASES**

Construction work has been defined as a Lower to High-risk activity for COVID-19 spread by the Occupational Safety and Health Administration. Recently, several

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<sup>4</sup> Cervero, Robert and Duncan, Michael (2006) Which Reduces Vehicle Travel More: Jobs-Housing Balance or Retail-Housing Mixing? Journal of the American Planning Association 72 (4), 475-490, 482, available at <http://reconnectingamerica.org/assets/Uploads/UTCT-825.pdf>.

construction sites have been identified as sources of community spread of COVID-19.<sup>5</sup>

Southwest Mountain States Carpenters recommend that the City adopt additional requirements to mitigate public health risks from the Project's construction activities. SWMSRCC requests that the City require safe on-site construction work practices as well as training and certification for any construction workers on the Project Site.

In particular, based upon Southwest Mountain States Carpenters' experience with safe construction site work practices, SWMSRCC recommends that the City require that while construction activities are being conducted at the Project Site:

**Construction Site Design:**

- The Project Site will be limited to two controlled entry points.
- Entry points will have temperature screening technicians taking temperature readings when the entry point is open.
- The Temperature Screening Site Plan shows details regarding access to the Project Site and Project Site logistics for conducting temperature screening.
- A 48-hour advance notice will be provided to all trades prior to the first day of temperature screening.
- The perimeter fence directly adjacent to the entry points will be clearly marked indicating the appropriate 6-foot social distancing position for when you approach the screening area. Please reference the Apex temperature screening site map for additional details.
- There will be clear signage posted at the project site directing you through temperature screening.

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<sup>5</sup> Santa Clara County Public Health (June 12, 2020) COVID-19 CASES AT CONSTRUCTION SITES HIGHLIGHT NEED FOR CONTINUED VIGILANCE IN SECTORS THAT HAVE REOPENED, *available at* <https://www.sccgov.org/sites/covid19/Pages/press-release-06-12-2020-cases-at-construction-sites.aspx>.

- Provide hand washing stations throughout the construction site.

**Testing Procedures:**

- The temperature screening being used are non-contact devices.
- Temperature readings will not be recorded.
- Personnel will be screened upon entering the testing center and should only take 1-2 seconds per individual.
- Hard hats, head coverings, sweat, dirt, sunscreen or any other cosmetics must be removed on the forehead before temperature screening.
- Anyone who refuses to submit to a temperature screening or does not answer the health screening questions will be refused access to the Project Site.
- Screening will be performed at both entrances from 5:30 am to 7:30 am.; main gate [ZONE 1] and personnel gate [ZONE 2]
- After 7:30 am only the main gate entrance [ZONE 1] will continue to be used for temperature testing for anybody gaining entry to the project site such as returning personnel, deliveries, and visitors.
- If the digital thermometer displays a temperature reading above 100.0 degrees Fahrenheit, a second reading will be taken to verify an accurate reading.
- If the second reading confirms an elevated temperature, DHS will instruct the individual that he/she will not be allowed to enter the Project Site. DHS will also instruct the individual to promptly notify his/her supervisor and his/her human resources (HR) representative and provide them with a copy of Annex A.

## **Planning**

- Require the development of an Infectious Disease Preparedness and Response Plan that will include basic infection prevention measures (requiring the use of personal protection equipment), policies and procedures for prompt identification and isolation of sick individuals, social distancing (prohibiting gatherings of no more than 10 people including all-hands meetings and all-hands lunches) communication and training and workplace controls that meet standards that may be promulgated by the Center for Disease Control, Occupational Safety and Health Administration, Cal/OSHA, California Department of Public Health or applicable local public health agencies.<sup>6</sup>

The United Brotherhood of Carpenters and Carpenters International Training Fund has developed COVID-19 Training and Certification to ensure that Carpenter union members and apprentices conduct safe work practices. The City should require that all construction workers undergo COVID-19 Training and Certification before being allowed to conduct construction activities at the Project Site.

Southwest Mountain States Carpenters has also developed a rigorous Infection Control Risk Assessment (“**ICRA**”) training program to ensure it delivers a workforce that understands how to identify and control infection risks by implementing protocols to protect themselves and all others during renovation and construction projects in healthcare environments.<sup>7</sup>

ICRA protocols are intended to contain pathogens, control airflow, and protect patients during the construction, maintenance and renovation of healthcare facilities.

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<sup>6</sup> See also The Center for Construction Research and Training, North America’s Building Trades Unions (April 27 2020) NABTU and CPWR COVID-19 Standards for U.S. Construction Sites, *available at* [https://www.cpwr.com/sites/default/files/NABTU\\_CPWR\\_Standards\\_COVID-19.pdf](https://www.cpwr.com/sites/default/files/NABTU_CPWR_Standards_COVID-19.pdf); Los Angeles County Department of Public Works (2020) Guidelines for Construction Sites During COVID-19 Pandemic, *available at* [https://dpw.lacounty.gov/building-and-safety/docs/pw\\_guidelines-construction-sites.pdf](https://dpw.lacounty.gov/building-and-safety/docs/pw_guidelines-construction-sites.pdf).

<sup>7</sup> For details concerning Southwest Carpenters’s ICRA training program, *see* <https://icrahealthcare.com/>.

ICRA protocols prevent cross contamination, minimizing the risk of secondary infections in patients at hospital facilities.

The City should require the Project to be built using a workforce trained in ICRA protocols.

### **III. THE CITY SHOULD PREPARE AN ENVIRONMENTAL IMPACT REPORT FOR THE PROJECT**

CEQA is a California statute designed to inform decision makers and the public about the potential, significant environmental effects of a project. 14 California Code of Regulations (“**CEQA Guidelines**”) § 15002(a)(1).<sup>8</sup> At its core, “[i]ts purpose is to inform the public and its responsible officials of the environmental consequences of their decisions *before* they are made.” *Citizens of Goleta Valley v. Board of Supervisors* (1990) 52 Cal. 3d 553, 564.

To achieve this purpose, CEQA mandates preparation of an Environmental Impact Report (“**EIR**”) for projects so that the foreseeable impacts of pursuing the project can be understood and weighed. *Communities for a Better Environment v. Richmond* (2010) 184 Cal. App. 4th 70, 80. The EIR requirement “is the heart of CEQA.” CEQA Guidelines, § 15003(a).

A strong presumption in favor of requiring preparation of an EIR is built into CEQA. This presumption is reflected in what is known as the “fair argument” standard, under which an agency must prepare an EIR whenever substantial evidence in the record supports a fair argument that a project may have a significant effect on the environment. *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal. App. 4th 1597, 1602; *Friends of “B” St. v. City of Hayward* (1980) 106 Cal. 3d 988, 1002.

The fair argument test stems from the statutory mandate that an EIR be prepared for any project that “may have a significant effect on the environment.” Public Resources Code (“**PRC**”) § 21151; *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal. App. 3d 68, 75; *Jensen v. City of Santa Rosa* (2018) 23 Cal. App. 5th 877, 884. Under this test, if a

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<sup>8</sup> The CEQA Guidelines, codified in Title 14 of the California Code of Regulations, section 15000 *et seq.*, are regulatory guidelines promulgated by the state Natural Resources Agency for the implementation of CEQA. (Cal. Pub. Res. Code § 21083.) The CEQA Guidelines are given “great weight in interpreting CEQA except when . . . clearly unauthorized or erroneous.” *Center for Biological Diversity v. Department of Fish & Wildlife* (2015) 62 Cal. 4th 204, 217.

proposed project is not exempt and may cause a significant effect on the environment, the lead agency must prepare an EIR. PRC §§ 21100(a), 21151; CEQA Guidelines § 15064(a)(1), (f)(1). An EIR may be dispensed with only if the lead agency finds no substantial evidence in the initial study or elsewhere in the record that the project may have a significant effect on the environment. *Parker Shattuck Neighbors v. Berkeley City Council* (2013) 222 Cal. App. 4th 768, 785. In such a situation, the agency must adopt a negative declaration. PRC § 21080(c)(1); CEQA Guidelines §§ 15063(b)(2), 15064(f)(3).

"Significant effect upon the environment" is defined as "a substantial or potentially substantial adverse change in the environment." PRC § 21068; CEQA Guidelines § 15382. A project "may" have a significant effect on the environment if there is a "reasonable probability" that it will result in a significant impact. *No Oil, Inc. v. City of Los Angeles*, 13 Cal. 3d at 83 fn. 16; *Sundstrom v. County of Mendocino* (1988) 202 Cal. App. 3d 296, 309. If any aspect of the project may result in a significant impact on the environment, an EIR must be prepared even if the overall effect of the project is beneficial. CEQA Guidelines § 15063(b)(1). See *County Sanitation Dist. No. 2 v. County of Kern* (2005) 127 Cal. App. 4th 1544, 1580.

This standard sets a "low threshold" for preparation of an EIR. *Consolidated Irrig. Dist. v. City of Selma* (2012) 204 Cal. App. 4th 187, 207; *Nelson v. County of Kern* (2010) 190 Cal. App. 4th 252; *Pocket Protectors v. City of Sacramento* (2004) 124 Cal. App. 4th 903, 928; *Bowman v. City of Berkeley* (2004) 122 Cal. App. 4th 572, 580; *Citizen Action to Serve All Students v. Thornley* (1990) 222 Cal. App. 3d 748, 754; *Sundstrom v. County of Mendocino* (1988) 202 Cal. App. 3d 296, 310. If substantial evidence in the record supports a fair argument that the project may have a significant environmental effect, the lead agency must prepare an EIR even if other substantial evidence before it indicates the project will have no significant effect. See *Jensen v. City of Santa Rosa* (2018) 23 Cal. App. 5th 877, 886; *Clews Land & Livestock v. City of San Diego* (2017) 19 Cal. App. 5th 161, 183; *Stanislaus Audubon Soc'y, Inc. v. County of Stanislaus* (1995) 33 Cal. App. 4th 144, 150; *Brentwood Ass'n for No Drilling, Inc. v. City of Los Angeles* (1982) 134 Cal. App. 3d 491; *Friends of "B" St. v. City of Hayward* (1980) 106 Cal. App. 3d 988; CEQA Guidelines § 15064(f)(1).

As the Project does not qualify for the sustainable communities project exemption from CEQA as explained below, the low threshold is met and the City must prepare an EIR for the Project.

#### **IV. THE PROJECT IS NOT SUBJECT TO THE SUSTAINABLE COMMUNITIES PROJECT EXEMPTION**

PRC Section 21155.1 provides that a project is statutorily exempt from CEQA if it qualifies as a transit priority project and it:

- (1) Can be adequately served by existing utilities, and the transit priority project applicant has paid, or has committed to pay, all applicable in-lieu or development fees;
- (2) Does not contain wetlands or riparian areas, does not have significant value as a wildlife habitat, does not harm any species protected by the federal Endangered Species Act or Native Plant Protection Act, and does not cause the destruction or removal of any species protected by a local ordinance;
- (3) Is not included on any list of hazardous waste sites compiled pursuant to Section 65962.5 of the Government Code;
- (4) Is subject to a preliminary endangerment assessment prepared by an environmental assessor to determine the existence of any release of a hazardous substance on the site and to determine the potential for exposure of future occupants to significant health hazards from any nearby property or activity;
- (5) Does not have a significant effect on historical resources pursuant to Section 21084.1;
- (6) Is not a wildland fire hazard, does not have an unusually high risk of high risk of fire or explosion, is not a landslide hazard, and does not have seismic risk as a result of being within a delineated earthquake fault zone;
- (7) Is not located on developed open space;
- (8) Is 15 percent more energy efficient than required by Chapter 6 of Title 24 of the California Code of Regulations and designed to achieve 25 percent less water usage than the average household use in the region;
- (9) Is not more than eight acres in total area;
- (10) Does not contain more than 200 residential units;
- (11) Does not result in any net loss in the number of affordable housing units within the project area;

- (12) Does not include any single level building that exceeds 75,000 square feet;
- (13) Incorporates any applicable mitigation measures or performance standards or criteria set forth in a prior environmental impact report and adopted in findings;
- (14) Is determined not to conflict with nearby operating industrial uses;
- (15) Is located within one-half mile of a rail transit station or a ferry terminal included in a regional transportation plan or within one-quarter mile of a high-quality transit corridor included in a regional transportation plan; and
- (16) It meets one of the following three factors:
  - (i) At least 20 percent of the housing is sold to families of moderate income, or not less than 10 percent of the housing will be rented to families of low income, or not less than 5 percent of the housing is rented to families of very low income and the project developer provides sufficient legal commitments to the appropriate local agency to ensure the continued availability and use of the housing units for very low, low-, and moderate-income households at monthly housing costs with an affordable housing cost or affordable rent, for the period required by the applicable financing;
  - (ii) The developer has paid or will pay in-lieu fees pursuant to a local ordinance in an amount sufficient to result in the development of an equivalent number of units that would otherwise be required; or
  - (iii) It provides public open space equal to or greater than five acres per 1,000 residents of the project.

Here, the Project fails to satisfy all these requirements and therefore is not eligible for the Sustainable Communities Project Exemption (“**SCPE**”).

A. There Is Insufficient Evidence that the Project May Be Adequately Served by Existing Utilities

There is insufficient evidence that the Project site is equipped to handle the additional energy, water, and waste consumption of 145 new residential units as well as commercial and retail space in place of a single parking lot. In fact, the evidence

points to the opposite conclusion since the sewer availability and waste drainage subsections of the Project permit have not yet been cleared by the Bureau of Engineering.<sup>9</sup> Accordingly, the Project must not qualify for the SCPE exemption.

B. The Project Construction May Pose Significant Public Health and Safety Impacts

The Project seeks to demolish the existing parking lot structure on the site, thereby subjecting the neighboring multi-unit residential buildings and their sensitive receptors to significant dust and debris emission which may negatively impact their health and must be analyzed and quantified. (See, **Exhibit E** [Zimas Parcel Report for 923 S. Beacon Ave.] and **Exhibit F** [Zimas Parcel Report for the Neighboring Site at 927 1-18 S. Beacon Ave., 18-unit multi-family building next to the Project site].)

Moreover, based on the Project's permit application (**Exhibit D**), the Project involves construction near power lines and work adjacent to public way, which may in turn result in impacts on the public services and utilities for the nearby especially residential structures.

Also, to the extent the Project's staging of heavy construction equipment may foreseeably occur on top of utility connections, the Project may also have significant safety impacts which also must be assessed in an EIR. Thus, for this reason too, SCPE is inapplicable.

C. There Is Insufficient Evidence that the Project Is 15% More Energy Efficient than required by Chapter 6 of Title 24 of the California Code of Regulations and Designed to Achieve 25% Less Water Usage than the Average Household Use in the Region

Yet another reason why the SCPE cannot apply is because there is insufficient evidence that the Project will be 15% more energy efficient than required by Chapter 6 of Title 24 of the California Code of Regulations and is designed to achieve 25% less water usage than the average household use in the region, as required. Rather, the Project application merely provides that passive or natural heating and cooling

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<sup>9</sup>See **Exhibit D** [Permit info as of 6-5-2023 from the Los Angeles Department of Building and Safety Permit Information, also available at <https://www.ladbsservices2.lacity.org/OnlineServices/PermitReport/PcisPermitDetail?id1=20010&id2=10000&id3=01124>].

opportunities are feasible.<sup>10</sup> However, such statement fails to in fact provide any evidence or quantification of the Project’s estimated energy and water consumption.

Thus, under CEQA Guidelines § 15126.2(b):

“(b) **Energy Impacts.** If analysis of the project’s energy use reveals that the project **may** result in significant environmental effects due to **wasteful, inefficient, or unnecessary** consumption use of energy, or wasteful use of energy resources, the EIR shall mitigate that energy use. This analysis should include the project’s energy use for **all project phases and components**, including **transportation-related** energy, during **construction and operation**. **In addition** to building code compliance, **other relevant considerations** may include, among others, the project’s **size, location, orientation, equipment use** and any **renewable energy** features that could be incorporated into the project. (Guidance on information that may be included in such an analysis is presented in Appendix F.) This analysis is subject to the rule of reason and shall focus on **energy use** that is caused by the project. This analysis may be included in related analyses of air quality, greenhouse gas emissions, transportation or utilities in the discretion of the lead agency.” (Emph. added.)

There is no pertinent information provided for the Project to verify if the above-noted detailed analysis took place and to fill in the analytical gap to support the agency’s conclusion in this case that the Project will indeed not have energy impacts. Compounding this lack of specificity in the City’s findings, the Project is proposed on what appears to have been historically a vacant site and therefore its energy usage as compared with the present uses will be significant. As such, it appears that the City failed to consider the Project’s size and orientation, as well as the location, when concluding that the Project will be 15 percent more energy-efficient than required.

Absent this detailed and specific information required by CEQA Guidelines and Appendix G referenced therein, the City’s conclusion that the Project will be 15% more energy efficient than required by Chapter 6 of Title 24 of the California Code of Regulations and is designed to achieve 25% less water usage than the average household use in the region is merely speculative, rendering the SCPE inapplicable.

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<sup>10</sup> Proposed Project findings at 37, available at <https://planning.lacity.org/pdiscaseinfo/document/ODQ1ODI0/4596a256-522b-4c94-acc5-77ce1b3c8ef1/submit>.

D. There Appears to Be No Preliminary Endangerment Assessment Prepared for the Project to Assess Hazardous Substance Exposure

Finally, the Project should not be eligible for the SCPE because it appears that there is no “preliminary endangerment assessment prepared by an environmental assessor to determine the existence of any release of a hazardous substance on the site and to determine the potential for exposure of future occupants to significant health hazards from any nearby property or activity”. PRC § 21155.1(a)(4).

Rather, the Project application blanketly concludes that there are not public health concerns stemming from hazardous materials because the Project will comply with applicable law for asbestos abatement.<sup>11</sup> However, determinations that regulatory compliance will be sufficient to prevent significant adverse impacts must be based on a project-specific analysis of potential impacts and the effect of regulatory compliance. See *Californians for Alternatives to Toxics v. Department of Food & Agric.* (2005) 136 Cal.App.4th 1; *Ebbetts Pass Forest Watch v Department of Forestry & Fire Protection* (2008) 43 Cal.App.4th 936, 956. The Project cannot rely upon regulatory compliance to conclude that its eligible for the SCPE without assessing the Project’s anticipated hazardous waste exposure in a preliminary endangerment assessment.

Moreover, even though the City’s findings are completely silent on the issue of Preliminary endangerment assessment (“PEA”), it does not even provide any information as to any Environmental Site Assessment (“ESA”). Yet, to the extent an ESA was prepared or is to be prepared by the Applicant, it must be noted that an ESA cannot be substituted for a PEA.

An ESA is not the same as a PEA. See, *City of Maywood v. Los Angeles Unified Sch. Dist.* (2012) 208 Cal.App.4th 362, 427. A “preliminary endangerment assessment” is statutorily defined at Health and Safety Code section 25319.5. It is required to be “conducted in a manner that complies with the guidelines published by the department [of Toxic Substances Control] entitled “Preliminary Endangerment Assessment: Guidance Manual.” The Guidance Manual also makes clear that the requirements of a PEA go beyond those of a Phase I ESA:

“[O]verall PEA requirements are more comprehensive than requirements for the PA/SI and Phase I Assessments . . . . Specific requirements of the PEA that are not typically required for these other types of investigations

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<sup>11</sup> *Id.* at p. 36.

include the site specific human health and ecological screening evaluations, public participation requirements, data collection, and scoping activities.” Department of Toxic Substances Control, California Environmental Protection Agency, Preliminary Endangerment Assessment: Guidance Manual (rev’d October 2015) pp. iv-v.<sup>12</sup>

A PEA meeting the statutory requirements must analyze the potential for exposure to future occupants to health hazards from “any nearby property or activity.” PRC § 21155.1(a)(4).

The Applicant here provided no PEA or ESA to ascertain whether the Project indeed qualifies for the claimed CEQA exemption. This omission is critical since the Project site appears to have been historically used as a parking structure and therefore may have been subject to releases, leaks or spills of hazardous chemicals, including petroleum or oil, with the potential to affect the future residents’ health.

On this basis, too, the Project does not meet the requirements for the respective TPP exemption.

E. The City’s Findings Fail to Acknowledge or Analyze the Project’s Specific Adverse Impacts on Human Beings In Light of the Project’s Being a Commercial Corner Development.

Finally, based on the Project’s permit information, the Project is a commercial corner development (“CDD”) and therefore is subject to additional development regulations. However, the City’s findings are silent on this issue and whether the Project is indeed consistent with the respective development and restrictions of a CDD<sup>13</sup> and whether a conditional use permit (“CUP”) is required or whether the Project qualifies for same.

This omission is critical as it indicates that the Project may have a significant specific adverse impact on human beings, including health and safety impacts, and therefore the Project may not qualify for either a density bonus or the exemption it claims.

The City must identify all the Project’s inconsistencies with the applicable plans and policies and must provide good faith disclosures before it can make any determination

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<sup>12</sup> [https://www.gsweventcenter.com/Appeal\\_Response\\_References/2015\\_10\\_CalEPA.pdf](https://www.gsweventcenter.com/Appeal_Response_References/2015_10_CalEPA.pdf)

<sup>13</sup> See pp. 225-231, esp. 229 for CDD restrictions, including for height and number of stories at [https://www.ladbs.org/docs/default-source/publications/information-bulletins/zoning-code/zoning-code-manual-and-commentary.pdf?sfvrsn=101beb53\\_27](https://www.ladbs.org/docs/default-source/publications/information-bulletins/zoning-code/zoning-code-manual-and-commentary.pdf?sfvrsn=101beb53_27)

as to whether the Project indeed qualifies for the density bonus/incentives it requests or whether it qualifies for the CEQA exemption.

## **V. CONCLUSION**

In sum, SMSWRCC requests that the City require a local workforce, that the City impose training requirements for the Project's construction activities to prevent community spread of COVID-19 and other infectious diseases, and that the City determine that the Project is not subject to the Sustainable Communities Project Exemption and that it prepare an EIR for the Project. If the City has any questions, feel free to contact my Office.

Sincerely,



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Talia Nimmer

Attorneys for Southwest Mountain States Regional Council of Carpenters

Attached:

Exhibit A: March 8, 2021 SWAPE Letter to Mitchell M. Tsai re Local Hire Requirements and Considerations for Greenhouse Gas Modeling;

Exhibit B: Air Quality and GHG Expert Paul Rosenfeld CV;

Exhibit C: Air Quality and GHG Expert Matt Hagemann CV;

Exhibit D: LADBS Permit information as of June 5, 2023;

Exhibit E: ZIMAS parcel report for the Project site lots at 905 and 923 S. Beacon Ave., as of June 5, 2023; and

Exhibit F: ZIMAS parcel report for the lot adjoining the Project site at 927 1-18 S. Beacon Ave., as of June 5, 2023.

## **EXHIBIT A**



Technical Consultation, Data Analysis and  
Litigation Support for the Environment

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March 8, 2021

Mitchell M. Tsai  
155 South El Molino, Suite 104  
Pasadena, CA 91101

**Subject: Local Hire Requirements and Considerations for Greenhouse Gas Modeling**

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Dear Mr. Tsai,

Soil Water Air Protection Enterprise ("SWAPE") is pleased to provide the following draft technical report explaining the significance of worker trips required for construction of land use development projects with respect to the estimation of greenhouse gas ("GHG") emissions. The report will also discuss the potential for local hire requirements to reduce the length of worker trips, and consequently, reduced or mitigate the potential GHG impacts.

### Worker Trips and Greenhouse Gas Calculations

The California Emissions Estimator Model ("CalEEMod") is a "statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas (GHG) emissions associated with both construction and operations from a variety of land use projects."<sup>1</sup> CalEEMod quantifies construction-related emissions associated with land use projects resulting from off-road construction equipment; on-road mobile equipment associated with workers, vendors, and hauling; fugitive dust associated with grading, demolition, truck loading, and on-road vehicles traveling along paved and unpaved roads; and architectural coating activities; and paving.<sup>2</sup>

The number, length, and vehicle class of worker trips are utilized by CalEEMod to calculate emissions associated with the on-road vehicle trips required to transport workers to and from the Project site during construction.<sup>3</sup>

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<sup>1</sup> "California Emissions Estimator Model." CAPCOA, 2017, available at: <http://www.aqmd.gov/caleemod/home>.

<sup>2</sup> "California Emissions Estimator Model." CAPCOA, 2017, available at: <http://www.aqmd.gov/caleemod/home>.

<sup>3</sup> "CalEEMod User's Guide." CAPCOA, November 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/01\\_user-39-s-guide2016-3-2\\_15november2017.pdf?sfvrsn=4](http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4), p. 34.

Specifically, the number and length of vehicle trips is utilized to estimate the vehicle miles travelled (“VMT”) associated with construction. Then, utilizing vehicle-class specific EMFAC 2014 emission factors, CalEEMod calculates the vehicle exhaust, evaporative, and dust emissions resulting from construction-related VMT, including personal vehicles for worker commuting.<sup>4</sup>

Specifically, in order to calculate VMT, CalEEMod multiplies the average daily trip rate by the average overall trip length (see excerpt below):

$$\text{“VMT}_d = \Sigma(\text{Average Daily Trip Rate}_i * \text{Average Overall Trip Length}_i) _n$$

Where:

$n$  = Number of land uses being modeled.”<sup>5</sup>

Furthermore, to calculate the on-road emissions associated with worker trips, CalEEMod utilizes the following equation (see excerpt below):

$$\text{“Emissions}_{\text{pollutant}} = \text{VMT} * \text{EF}_{\text{running,pollutant}}$$

Where:

$\text{Emissions}_{\text{pollutant}}$  = emissions from vehicle running for each pollutant

VMT = vehicle miles traveled

$\text{EF}_{\text{running,pollutant}}$  = emission factor for running emissions.”<sup>6</sup>

Thus, there is a direct relationship between trip length and VMT, as well as a direct relationship between VMT and vehicle running emissions. In other words, when the trip length is increased, the VMT and vehicle running emissions increase as a result. Thus, vehicle running emissions can be reduced by decreasing the average overall trip length, by way of a local hire requirement or otherwise.

## Default Worker Trip Parameters and Potential Local Hire Requirements

As previously discussed, the number, length, and vehicle class of worker trips are utilized by CalEEMod to calculate emissions associated with the on-road vehicle trips required to transport workers to and from the Project site during construction.<sup>7</sup> In order to understand how local hire requirements and associated worker trip length reductions impact GHG emissions calculations, it is important to consider the CalEEMod default worker trip parameters. CalEEMod provides recommended default values based on site-specific information, such as land use type, meteorological data, total lot acreage, project type and typical equipment associated with project type. If more specific project information is known, the user can change the default values and input project-specific values, but the California Environmental Quality Act (“CEQA”) requires that such changes be justified by substantial evidence.<sup>8</sup> The default number of construction-related worker trips is calculated by multiplying the

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<sup>4</sup> “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/02\\_appendix-a2016-3-2.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6), p. 14-15.

<sup>5</sup> “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/02\\_appendix-a2016-3-2.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6), p. 23.

<sup>6</sup> “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/02\\_appendix-a2016-3-2.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6), p. 15.

<sup>7</sup> “CalEEMod User’s Guide.” CAPCOA, November 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/01\\_user-39-s-guide2016-3-2\\_15november2017.pdf?sfvrsn=4](http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4), p. 34.

<sup>8</sup> CalEEMod User Guide, available at: <http://www.caleemod.com/>, p. 1, 9.

number of pieces of equipment for all phases by 1.25, with the exception of worker trips required for the building construction and architectural coating phases.<sup>9</sup> Furthermore, the worker trip vehicle class is a 50/25/25 percent mix of light duty autos, light duty truck class 1 and light duty truck class 2, respectively.”<sup>10</sup> Finally, the default worker trip length is consistent with the length of the operational home-to-work vehicle trips.<sup>11</sup> The operational home-to-work vehicle trip lengths are:

“[B]ased on the location and urbanization selected on the project characteristic screen. These values were supplied by the air districts or use a default average for the state. Each district (or county) also assigns trip lengths for urban and rural settings” (emphasis added).<sup>12</sup>

Thus, the default worker trip length is based on the location and urbanization level selected by the User when modeling emissions. The below table shows the CalEEMod default rural and urban worker trip lengths by air basin (see excerpt below and Attachment A).<sup>13</sup>

| Worker Trip Length by Air Basin |               |               |
|---------------------------------|---------------|---------------|
| Air Basin                       | Rural (miles) | Urban (miles) |
| Great Basin Valleys             | 16.8          | 10.8          |
| Lake County                     | 16.8          | 10.8          |
| Lake Tahoe                      | 16.8          | 10.8          |
| Mojave Desert                   | 16.8          | 10.8          |
| Mountain Counties               | 16.8          | 10.8          |
| North Central Coast             | 17.1          | 12.3          |
| North Coast                     | 16.8          | 10.8          |
| Northeast Plateau               | 16.8          | 10.8          |
| Sacramento Valley               | 16.8          | 10.8          |
| Salton Sea                      | 14.6          | 11            |
| San Diego                       | 16.8          | 10.8          |
| San Francisco Bay Area          | 10.8          | 10.8          |
| San Joaquin Valley              | 16.8          | 10.8          |
| South Central Coast             | 16.8          | 10.8          |
| South Coast                     | 19.8          | 14.7          |
| <b>Average</b>                  | <b>16.47</b>  | <b>11.17</b>  |
| <b>Minimum</b>                  | <b>10.80</b>  | <b>10.80</b>  |
| <b>Maximum</b>                  | <b>19.80</b>  | <b>14.70</b>  |
| <b>Range</b>                    | <b>9.00</b>   | <b>3.90</b>   |

<sup>9</sup> “CalEEMod User’s Guide.” CAPCOA, November 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/01\\_user-39-s-guide2016-3-2\\_15november2017.pdf?sfvrsn=4](http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4), p. 34.

<sup>10</sup> “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/02\\_appendix-a2016-3-2.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6), p. 15.

<sup>11</sup> “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/02\\_appendix-a2016-3-2.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6), p. 14.

<sup>12</sup> “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/02\\_appendix-a2016-3-2.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6), p. 21.

<sup>13</sup> “Appendix D Default Data Tables.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/05\\_appendix-d2016-3-2.pdf?sfvrsn=4](http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4), p. D-84 – D-86.

As demonstrated above, default rural worker trip lengths for air basins in California vary from 10.8- to 19.8- miles, with an average of 16.47 miles. Furthermore, default urban worker trip lengths vary from 10.8- to 14.7- miles, with an average of 11.17 miles. Thus, while default worker trip lengths vary by location, default urban worker trip lengths tend to be shorter in length. Based on these trends evident in the CalEEMod default worker trip lengths, we can reasonably assume that the efficacy of a local hire requirement is especially dependent upon the urbanization of the project site, as well as the project location.

### Practical Application of a Local Hire Requirement and Associated Impact

To provide an example of the potential impact of a local hire provision on construction-related GHG emissions, we estimated the significance of a local hire provision for the Village South Specific Plan (“Project”) located in the City of Claremont (“City”). The Project proposed to construct 1,000 residential units, 100,000-SF of retail space, 45,000-SF of office space, as well as a 50-room hotel, on the 24-acre site. The Project location is classified as Urban and lies within the Los Angeles-South Coast County. As a result, the Project has a default worker trip length of 14.7 miles.<sup>14</sup> In an effort to evaluate the potential for a local hire provision to reduce the Project’s construction-related GHG emissions, we prepared an updated model, reducing all worker trip lengths to 10 miles (see Attachment B). Our analysis estimates that if a local hire provision with a 10-mile radius were to be implemented, the GHG emissions associated with Project construction would decrease by approximately 17% (see table below and Attachment C).

| Local Hire Provision Net Change                                  |            |
|------------------------------------------------------------------|------------|
| <b>Without Local Hire Provision</b>                              |            |
| Total Construction GHG Emissions (MT CO <sub>2</sub> e)          | 3,623      |
| Amortized Construction GHG Emissions (MT CO <sub>2</sub> e/year) | 120.77     |
| <b>With Local Hire Provision</b>                                 |            |
| Total Construction GHG Emissions (MT CO <sub>2</sub> e)          | 3,024      |
| Amortized Construction GHG Emissions (MT CO <sub>2</sub> e/year) | 100.80     |
| <b>% Decrease in Construction-related GHG Emissions</b>          | <b>17%</b> |

As demonstrated above, by implementing a local hire provision requiring 10 mile worker trip lengths, the Project could reduce potential GHG emissions associated with construction worker trips. More broadly, any local hire requirement that results in a decreased worker trip length from the default value has the potential to result in a reduction of construction-related GHG emissions, though the significance of the reduction would vary based on the location and urbanization level of the project site.

This serves as an example of the potential impacts of local hire requirements on estimated project-level GHG emissions, though it does not indicate that local hire requirements would result in reduced construction-related GHG emission for all projects. As previously described, the significance of a local hire requirement depends on the worker trip length enforced and the default worker trip length for the project’s urbanization level and location.

<sup>14</sup> “Appendix D Default Data Tables.” CAPCOA, October 2017, available at: [http://www.aqmd.gov/docs/default-source/caleemod/05\\_appendix-d2016-3-2.pdf?sfvrsn=4](http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4), p. D-85.

## Disclaimer

SWAPE has received limited discovery. Additional information may become available in the future; thus, we retain the right to revise or amend this report when additional information becomes available. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at the time of service. No other warranty, expressed or implied, is made as to the scope of work, work methodologies and protocols, site conditions, analytical testing results, and findings presented. This report reflects efforts which were limited to information that was reasonably accessible at the time of the work, and may contain informational gaps, inconsistencies, or otherwise be incomplete due to the unavailability or uncertainty of information obtained or provided by third parties.

Sincerely,

A handwritten signature in blue ink, appearing to read "M Hagemann".

Matt Hagemann, P.G., C.Hg.

A handwritten signature in blue ink, appearing to read "Paul Rosenfeld".

Paul E. Rosenfeld, Ph.D.

## Attachment A

| <b>Location Type</b> | <b>Location Name</b> | <b>Rural H-W<br/>(miles)</b> | <b>Urban H-W<br/>(miles)</b> |
|----------------------|----------------------|------------------------------|------------------------------|
| Air Basin            | Great Basin          | 16.8                         | 10.8                         |
| Air Basin            | Lake County          | 16.8                         | 10.8                         |
| Air Basin            | Lake Tahoe           | 16.8                         | 10.8                         |
| Air Basin            | Mojave Desert        | 16.8                         | 10.8                         |
| Air Basin            | Mountain             | 16.8                         | 10.8                         |
| Air Basin            | North Central        | 17.1                         | 12.3                         |
| Air Basin            | North Coast          | 16.8                         | 10.8                         |
| Air Basin            | Northeast            | 16.8                         | 10.8                         |
| Air Basin            | Sacramento           | 16.8                         | 10.8                         |
| Air Basin            | Salton Sea           | 14.6                         | 11                           |
| Air Basin            | San Diego            | 16.8                         | 10.8                         |
| Air Basin            | San Francisco        | 10.8                         | 10.8                         |
| Air Basin            | San Joaquin          | 16.8                         | 10.8                         |
| Air Basin            | South Central        | 16.8                         | 10.8                         |
| Air Basin            | South Coast          | 19.8                         | 14.7                         |
| Air District         | Amador County        | 16.8                         | 10.8                         |
| Air District         | Antelope Valley      | 16.8                         | 10.8                         |
| Air District         | Bay Area AQMD        | 10.8                         | 10.8                         |
| Air District         | Butte County         | 12.54                        | 12.54                        |
| Air District         | Calaveras            | 16.8                         | 10.8                         |
| Air District         | Colusa County        | 16.8                         | 10.8                         |
| Air District         | El Dorado            | 16.8                         | 10.8                         |
| Air District         | Feather River        | 16.8                         | 10.8                         |
| Air District         | Glenn County         | 16.8                         | 10.8                         |
| Air District         | Great Basin          | 16.8                         | 10.8                         |
| Air District         | Imperial County      | 10.2                         | 7.3                          |
| Air District         | Kern County          | 16.8                         | 10.8                         |
| Air District         | Lake County          | 16.8                         | 10.8                         |
| Air District         | Lassen County        | 16.8                         | 10.8                         |
| Air District         | Mariposa             | 16.8                         | 10.8                         |
| Air District         | Mendocino            | 16.8                         | 10.8                         |
| Air District         | Modoc County         | 16.8                         | 10.8                         |
| Air District         | Mojave Desert        | 16.8                         | 10.8                         |
| Air District         | Monterey Bay         | 16.8                         | 10.8                         |
| Air District         | North Coast          | 16.8                         | 10.8                         |
| Air District         | Northern Sierra      | 16.8                         | 10.8                         |
| Air District         | Northern             | 16.8                         | 10.8                         |
| Air District         | Placer County        | 16.8                         | 10.8                         |
| Air District         | Sacramento           | 15                           | 10                           |

|              |                 |       |       |
|--------------|-----------------|-------|-------|
| Air District | San Diego       | 16.8  | 10.8  |
| Air District | San Joaquin     | 16.8  | 10.8  |
| Air District | San Luis Obispo | 13    | 13    |
| Air District | Santa Barbara   | 8.3   | 8.3   |
| Air District | Shasta County   | 16.8  | 10.8  |
| Air District | Siskiyou County | 16.8  | 10.8  |
| Air District | South Coast     | 19.8  | 14.7  |
| Air District | Tehama County   | 16.8  | 10.8  |
| Air District | Tuolumne        | 16.8  | 10.8  |
| Air District | Ventura County  | 16.8  | 10.8  |
| Air District | Yolo/Solano     | 15    | 10    |
| County       | Alameda         | 10.8  | 10.8  |
| County       | Alpine          | 16.8  | 10.8  |
| County       | Amador          | 16.8  | 10.8  |
| County       | Butte           | 12.54 | 12.54 |
| County       | Calaveras       | 16.8  | 10.8  |
| County       | Colusa          | 16.8  | 10.8  |
| County       | Contra Costa    | 10.8  | 10.8  |
| County       | Del Norte       | 16.8  | 10.8  |
| County       | El Dorado-Lake  | 16.8  | 10.8  |
| County       | El Dorado-      | 16.8  | 10.8  |
| County       | Fresno          | 16.8  | 10.8  |
| County       | Glenn           | 16.8  | 10.8  |
| County       | Humboldt        | 16.8  | 10.8  |
| County       | Imperial        | 10.2  | 7.3   |
| County       | Inyo            | 16.8  | 10.8  |
| County       | Kern-Mojave     | 16.8  | 10.8  |
| County       | Kern-San        | 16.8  | 10.8  |
| County       | Kings           | 16.8  | 10.8  |
| County       | Lake            | 16.8  | 10.8  |
| County       | Lassen          | 16.8  | 10.8  |
| County       | Los Angeles-    | 16.8  | 10.8  |
| County       | Los Angeles-    | 19.8  | 14.7  |
| County       | Madera          | 16.8  | 10.8  |
| County       | Marin           | 10.8  | 10.8  |
| County       | Mariposa        | 16.8  | 10.8  |
| County       | Mendocino-      | 16.8  | 10.8  |
| County       | Mendocino-      | 16.8  | 10.8  |
| County       | Mendocino-      | 16.8  | 10.8  |
| County       | Mendocino-      | 16.8  | 10.8  |
| County       | Merced          | 16.8  | 10.8  |
| County       | Modoc           | 16.8  | 10.8  |
| County       | Mono            | 16.8  | 10.8  |
| County       | Monterey        | 16.8  | 10.8  |
| County       | Napa            | 10.8  | 10.8  |

|           |                  |      |      |
|-----------|------------------|------|------|
| County    | Nevada           | 16.8 | 10.8 |
| County    | Orange           | 19.8 | 14.7 |
| County    | Placer-Lake      | 16.8 | 10.8 |
| County    | Placer-Mountain  | 16.8 | 10.8 |
| County    | Placer-          | 16.8 | 10.8 |
| County    | Plumas           | 16.8 | 10.8 |
| County    | Riverside-       | 16.8 | 10.8 |
| County    | Riverside-       | 19.8 | 14.7 |
| County    | Riverside-Salton | 14.6 | 11   |
| County    | Riverside-South  | 19.8 | 14.7 |
| County    | Sacramento       | 15   | 10   |
| County    | San Benito       | 16.8 | 10.8 |
| County    | San Bernardino-  | 16.8 | 10.8 |
| County    | San Bernardino-  | 19.8 | 14.7 |
| County    | San Diego        | 16.8 | 10.8 |
| County    | San Francisco    | 10.8 | 10.8 |
| County    | San Joaquin      | 16.8 | 10.8 |
| County    | San Luis Obispo  | 13   | 13   |
| County    | San Mateo        | 10.8 | 10.8 |
| County    | Santa Barbara-   | 8.3  | 8.3  |
| County    | Santa Barbara-   | 8.3  | 8.3  |
| County    | Santa Clara      | 10.8 | 10.8 |
| County    | Santa Cruz       | 16.8 | 10.8 |
| County    | Shasta           | 16.8 | 10.8 |
| County    | Sierra           | 16.8 | 10.8 |
| County    | Siskiyou         | 16.8 | 10.8 |
| County    | Solano-          | 15   | 10   |
| County    | Solano-San       | 16.8 | 10.8 |
| County    | Sonoma-North     | 16.8 | 10.8 |
| County    | Sonoma-San       | 10.8 | 10.8 |
| County    | Stanislaus       | 16.8 | 10.8 |
| County    | Sutter           | 16.8 | 10.8 |
| County    | Tehama           | 16.8 | 10.8 |
| County    | Trinity          | 16.8 | 10.8 |
| County    | Tulare           | 16.8 | 10.8 |
| County    | Tuolumne         | 16.8 | 10.8 |
| County    | Ventura          | 16.8 | 10.8 |
| County    | Yolo             | 15   | 10   |
| County    | Yuba             | 16.8 | 10.8 |
| Statewide | Statewide        | 16.8 | 10.8 |

| Worker Trip Length by Air Basin |               |               |
|---------------------------------|---------------|---------------|
| Air Basin                       | Rural (miles) | Urban (miles) |
| Great Basin Valleys             | 16.8          | 10.8          |
| Lake County                     | 16.8          | 10.8          |
| Lake Tahoe                      | 16.8          | 10.8          |
| Mojave Desert                   | 16.8          | 10.8          |
| Mountain Counties               | 16.8          | 10.8          |
| North Central Coast             | 17.1          | 12.3          |
| North Coast                     | 16.8          | 10.8          |
| Northeast Plateau               | 16.8          | 10.8          |
| Sacramento Valley               | 16.8          | 10.8          |
| Salton Sea                      | 14.6          | 11            |
| San Diego                       | 16.8          | 10.8          |
| San Francisco Bay Area          | 10.8          | 10.8          |
| San Joaquin Valley              | 16.8          | 10.8          |
| South Central Coast             | 16.8          | 10.8          |
| South Coast                     | 19.8          | 14.7          |
| <b>Average</b>                  | <b>16.47</b>  | <b>11.17</b>  |
| <b>Minimum</b>                  | <b>10.80</b>  | <b>10.80</b>  |
| <b>Maximum</b>                  | <b>19.80</b>  | <b>14.70</b>  |
| <b>Range</b>                    | <b>9.00</b>   | <b>3.90</b>   |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

## Village South Specific Plan (Proposed)

### Los Angeles-South Coast County, Annual

## 1.0 Project Characteristics

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### 1.1 Land Usage

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| General Office Building             | 45.00  | 1000sqft      | 1.03        | 45,000.00          | 0          |
| High Turnover (Sit Down Restaurant) | 36.00  | 1000sqft      | 0.83        | 36,000.00          | 0          |
| Hotel                               | 50.00  | Room          | 1.67        | 72,600.00          | 0          |
| Quality Restaurant                  | 8.00   | 1000sqft      | 0.18        | 8,000.00           | 0          |
| Apartments Low Rise                 | 25.00  | Dwelling Unit | 1.56        | 25,000.00          | 72         |
| Apartments Mid Rise                 | 975.00 | Dwelling Unit | 25.66       | 975,000.00         | 2789       |
| Regional Shopping Center            | 56.00  | 1000sqft      | 1.29        | 56,000.00          | 0          |

### 1.2 Other Project Characteristics

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>             | 9                          |                                 |       | <b>Operational Year</b>          | 2028  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 702.44                     | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

| Table Name      | Column Name       | Default Value | New Value |
|-----------------|-------------------|---------------|-----------|
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | NumberWood        | 1.25          | 0.00      |
| tblFireplaces   | NumberWood        | 48.75         | 0.00      |
| tblVehicleTrips | ST_TR             | 7.16          | 6.17      |
| tblVehicleTrips | ST_TR             | 6.39          | 3.87      |
| tblVehicleTrips | ST_TR             | 2.46          | 1.39      |
| tblVehicleTrips | ST_TR             | 158.37        | 79.82     |
| tblVehicleTrips | ST_TR             | 8.19          | 3.75      |
| tblVehicleTrips | ST_TR             | 94.36         | 63.99     |
| tblVehicleTrips | ST_TR             | 49.97         | 10.74     |
| tblVehicleTrips | SU_TR             | 6.07          | 6.16      |
| tblVehicleTrips | SU_TR             | 5.86          | 4.18      |
| tblVehicleTrips | SU_TR             | 1.05          | 0.69      |
| tblVehicleTrips | SU_TR             | 131.84        | 78.27     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|                 |                    |        |       |
|-----------------|--------------------|--------|-------|
| tblVehicleTrips | SU_TR              | 5.95   | 3.20  |
| tblVehicleTrips | SU_TR              | 72.16  | 57.65 |
| tblVehicleTrips | SU_TR              | 25.24  | 6.39  |
| tblVehicleTrips | WD_TR              | 6.59   | 5.83  |
| tblVehicleTrips | WD_TR              | 6.65   | 4.13  |
| tblVehicleTrips | WD_TR              | 11.03  | 6.41  |
| tblVehicleTrips | WD_TR              | 127.15 | 65.80 |
| tblVehicleTrips | WD_TR              | 8.17   | 3.84  |
| tblVehicleTrips | WD_TR              | 89.95  | 62.64 |
| tblVehicleTrips | WD_TR              | 42.70  | 9.43  |
| tblWoodstoves   | NumberCatalytic    | 1.25   | 0.00  |
| tblWoodstoves   | NumberCatalytic    | 48.75  | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 1.25   | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 48.75  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |

## 2.0 Emissions Summary

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**2.1 Overall Construction****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    | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |            |            |             |        |            |
| 2021    | 0.1713  | 1.8242 | 1.1662 | 2.4000e-003 | 0.4169        | 0.0817       | 0.4986     | 0.1795         | 0.0754        | 0.2549      | 0.0000   | 213.1969   | 213.1969   | 0.0601      | 0.0000 | 214.6993   |
| 2022    | 0.6904  | 4.1142 | 6.1625 | 0.0189      | 1.3058        | 0.1201       | 1.4259     | 0.3460         | 0.1128        | 0.4588      | 0.0000   | 1,721.6826 | 1,721.6826 | 0.1294      | 0.0000 | 1,724.9187 |
| 2023    | 0.6148  | 3.3649 | 5.6747 | 0.0178      | 1.1963        | 0.0996       | 1.2959     | 0.3203         | 0.0935        | 0.4138      | 0.0000   | 1,627.5295 | 1,627.5295 | 0.1185      | 0.0000 | 1,630.4925 |
| 2024    | 4.1619  | 0.1335 | 0.2810 | 5.9000e-004 | 0.0325        | 6.4700e-003  | 0.0390     | 8.6300e-003    | 6.0400e-003   | 0.0147      | 0.0000   | 52.9078    | 52.9078    | 8.0200e-003 | 0.0000 | 53.1082    |
| Maximum | 4.1619  | 4.1142 | 6.1625 | 0.0189      | 1.3058        | 0.1201       | 1.4259     | 0.3460         | 0.1128        | 0.4588      | 0.0000   | 1,721.6826 | 1,721.6826 | 0.1294      | 0.0000 | 1,724.9187 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**2.1 Overall Construction****Mitigated Construction**

|         | ROG     | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4         | N2O    | CO2e       |
|---------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|-------------|--------|------------|
| Year    | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |            |            |             |        |            |
| 2021    | 0.1713  | 1.8242 | 1.1662 | 2.4000e-003 | 0.4169        | 0.0817       | 0.4986     | 0.1795         | 0.0754        | 0.2549      | 0.0000   | 213.1967   | 213.1967   | 0.0601      | 0.0000 | 214.6991   |
| 2022    | 0.6904  | 4.1142 | 6.1625 | 0.0189      | 1.3058        | 0.1201       | 1.4259     | 0.3460         | 0.1128        | 0.4588      | 0.0000   | 1,721.6823 | 1,721.6823 | 0.1294      | 0.0000 | 1,724.9183 |
| 2023    | 0.6148  | 3.3648 | 5.6747 | 0.0178      | 1.1963        | 0.0996       | 1.2959     | 0.3203         | 0.0935        | 0.4138      | 0.0000   | 1,627.5291 | 1,627.5291 | 0.1185      | 0.0000 | 1,630.4921 |
| 2024    | 4.1619  | 0.1335 | 0.2810 | 5.9000e-004 | 0.0325        | 6.4700e-003  | 0.0390     | 8.6300e-003    | 6.0400e-003   | 0.0147      | 0.0000   | 52.9077    | 52.9077    | 8.0200e-003 | 0.0000 | 53.1082    |
| Maximum | 4.1619  | 4.1142 | 6.1625 | 0.0189      | 1.3058        | 0.1201       | 1.4259     | 0.3460         | 0.1128        | 0.4588      | 0.0000   | 1,721.6823 | 1,721.6823 | 0.1294      | 0.0000 | 1,724.9183 |

|                   | ROG  | NOx  | CO   | SO2  | 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 |

| Quarter | Start Date | End Date   | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|----------------------------------------------|--------------------------------------------|
| 1       | 9-1-2021   | 11-30-2021 | 1.4103                                       | 1.4103                                     |
| 2       | 12-1-2021  | 2-28-2022  | 1.3613                                       | 1.3613                                     |
| 3       | 3-1-2022   | 5-31-2022  | 1.1985                                       | 1.1985                                     |
| 4       | 6-1-2022   | 8-31-2022  | 1.1921                                       | 1.1921                                     |
| 5       | 9-1-2022   | 11-30-2022 | 1.1918                                       | 1.1918                                     |
| 6       | 12-1-2022  | 2-28-2023  | 1.0774                                       | 1.0774                                     |
| 7       | 3-1-2023   | 5-31-2023  | 1.0320                                       | 1.0320                                     |
| 8       | 6-1-2023   | 8-31-2023  | 1.0260                                       | 1.0260                                     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|    |           |            |        |        |
|----|-----------|------------|--------|--------|
| 9  | 9-1-2023  | 11-30-2023 | 1.0265 | 1.0265 |
| 10 | 12-1-2023 | 2-29-2024  | 2.8857 | 2.8857 |
| 11 | 3-1-2024  | 5-31-2024  | 1.6207 | 1.6207 |
|    |           | Highest    | 2.8857 | 2.8857 |

## 2.2 Overall Operational

Unmitigated Operational

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2        | NBio- CO2          | Total CO2          | CH4            | N2O           | CO2e               |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category     | tons/yr       |               |                |               |               |               |               |                |               |               | MT/yr           |                    |                    |                |               |                    |
| Area         | 5.1437        | 0.2950        | 10.3804        | 1.6700e-003   |               | 0.0714        | 0.0714        |                | 0.0714        | 0.0714        | 0.0000          | 220.9670           | 220.9670           | 0.0201         | 3.7400e-003   | 222.5835           |
| Energy       | 0.1398        | 1.2312        | 0.7770         | 7.6200e-003   |               | 0.0966        | 0.0966        |                | 0.0966        | 0.0966        | 0.0000          | 3,896.0732         | 3,896.0732         | 0.1303         | 0.0468        | 3,913.2833         |
| Mobile       | 1.5857        | 7.9962        | 19.1834        | 0.0821        | 7.7979        | 0.0580        | 7.8559        | 2.0895         | 0.0539        | 2.1434        | 0.0000          | 7,620.4986         | 7,620.4986         | 0.3407         | 0.0000        | 7,629.0162         |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 207.8079        | 0.0000             | 207.8079           | 12.2811        | 0.0000        | 514.8354           |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 29.1632         | 556.6420           | 585.8052           | 3.0183         | 0.0755        | 683.7567           |
| <b>Total</b> | <b>6.8692</b> | <b>9.5223</b> | <b>30.3407</b> | <b>0.0914</b> | <b>7.7979</b> | <b>0.2260</b> | <b>8.0240</b> | <b>2.0895</b>  | <b>0.2219</b> | <b>2.3114</b> | <b>236.9712</b> | <b>12,294.1807</b> | <b>12,531.1519</b> | <b>15.7904</b> | <b>0.1260</b> | <b>12,963.4751</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**2.2 Overall Operational****Mitigated Operational**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2        | NBio- CO2          | Total CO2          | CH4            | N2O           | CO2e               |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category     | tons/yr       |               |                |               |               |               |               |                |               |               | MT/yr           |                    |                    |                |               |                    |
| Area         | 5.1437        | 0.2950        | 10.3804        | 1.6700e-003   |               | 0.0714        | 0.0714        |                | 0.0714        | 0.0714        | 0.0000          | 220.9670           | 220.9670           | 0.0201         | 3.7400e-003   | 222.5835           |
| Energy       | 0.1398        | 1.2312        | 0.7770         | 7.6200e-003   |               | 0.0966        | 0.0966        |                | 0.0966        | 0.0966        | 0.0000          | 3,896.0732         | 3,896.0732         | 0.1303         | 0.0468        | 3,913.2833         |
| Mobile       | 1.5857        | 7.9962        | 19.1834        | 0.0821        | 7.7979        | 0.0580        | 7.8559        | 2.0895         | 0.0539        | 2.1434        | 0.0000          | 7,620.4986         | 7,620.4986         | 0.3407         | 0.0000        | 7,629.0162         |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 207.8079        | 0.0000             | 207.8079           | 12.2811        | 0.0000        | 514.8354           |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 29.1632         | 556.6420           | 585.8052           | 3.0183         | 0.0755        | 683.7567           |
| <b>Total</b> | <b>6.8692</b> | <b>9.5223</b> | <b>30.3407</b> | <b>0.0914</b> | <b>7.7979</b> | <b>0.2260</b> | <b>8.0240</b> | <b>2.0895</b>  | <b>0.2219</b> | <b>2.3114</b> | <b>236.9712</b> | <b>12,294.1807</b> | <b>12,531.1519</b> | <b>15.7904</b> | <b>0.1260</b> | <b>12,963.4751</b> |

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

**3.0 Construction Detail****Construction Phase**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 9/1/2021   | 10/12/2021 | 5             | 30       |                   |
| 2            | Site Preparation      | Site Preparation      | 10/13/2021 | 11/9/2021  | 5             | 20       |                   |
| 3            | Grading               | Grading               | 11/10/2021 | 1/11/2022  | 5             | 45       |                   |
| 4            | Building Construction | Building Construction | 1/12/2022  | 12/12/2023 | 5             | 500      |                   |
| 5            | Paving                | Paving                | 12/13/2023 | 1/30/2024  | 5             | 35       |                   |
| 6            | Architectural Coating | Architectural Coating | 1/31/2024  | 3/19/2024  | 5             | 35       |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

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

Trips and VMT

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 458.00              | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 8                       | 20.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 9                       | 801.00             | 143.00             | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 6                       | 15.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 160.00             | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                    |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.0496        | 0.0000        | 0.0496        | 7.5100e-003        | 0.0000        | 7.5100e-003   | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0475        | 0.4716        | 0.3235        | 5.8000e-004        |               | 0.0233        | 0.0233        |                    | 0.0216        | 0.0216        | 0.0000        | 51.0012        | 51.0012        | 0.0144        | 0.0000        | 51.3601        |
| <b>Total</b>  | <b>0.0475</b> | <b>0.4716</b> | <b>0.3235</b> | <b>5.8000e-004</b> | <b>0.0496</b> | <b>0.0233</b> | <b>0.0729</b> | <b>7.5100e-003</b> | <b>0.0216</b> | <b>0.0291</b> | <b>0.0000</b> | <b>51.0012</b> | <b>51.0012</b> | <b>0.0144</b> | <b>0.0000</b> | <b>51.3601</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 1.9300e-003        | 0.0634        | 0.0148        | 1.8000e-004        | 3.9400e-003        | 1.9000e-004        | 4.1300e-003        | 1.0800e-003        | 1.8000e-004        | 1.2600e-003        | 0.0000        | 17.4566        | 17.4566        | 1.2100e-003        | 0.0000        | 17.4869        |
| Vendor       | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 9.7000e-004        | 7.5000e-004   | 8.5100e-003   | 2.0000e-005        | 2.4700e-003        | 2.0000e-005        | 2.4900e-003        | 6.5000e-004        | 2.0000e-005        | 6.7000e-004        | 0.0000        | 2.2251         | 2.2251         | 7.0000e-005        | 0.0000        | 2.2267         |
| <b>Total</b> | <b>2.9000e-003</b> | <b>0.0641</b> | <b>0.0233</b> | <b>2.0000e-004</b> | <b>6.4100e-003</b> | <b>2.1000e-004</b> | <b>6.6200e-003</b> | <b>1.7300e-003</b> | <b>2.0000e-004</b> | <b>1.9300e-003</b> | <b>0.0000</b> | <b>19.6816</b> | <b>19.6816</b> | <b>1.2800e-003</b> | <b>0.0000</b> | <b>19.7136</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                    |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.0496        | 0.0000        | 0.0496        | 7.5100e-003        | 0.0000        | 7.5100e-003   | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0475        | 0.4716        | 0.3235        | 5.8000e-004        |               | 0.0233        | 0.0233        |                    | 0.0216        | 0.0216        | 0.0000        | 51.0011        | 51.0011        | 0.0144        | 0.0000        | 51.3600        |
| <b>Total</b>  | <b>0.0475</b> | <b>0.4716</b> | <b>0.3235</b> | <b>5.8000e-004</b> | <b>0.0496</b> | <b>0.0233</b> | <b>0.0729</b> | <b>7.5100e-003</b> | <b>0.0216</b> | <b>0.0291</b> | <b>0.0000</b> | <b>51.0011</b> | <b>51.0011</b> | <b>0.0144</b> | <b>0.0000</b> | <b>51.3600</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 1.9300e-003        | 0.0634        | 0.0148        | 1.8000e-004        | 3.9400e-003        | 1.9000e-004        | 4.1300e-003        | 1.0800e-003        | 1.8000e-004        | 1.2600e-003        | 0.0000        | 17.4566        | 17.4566        | 1.2100e-003        | 0.0000        | 17.4869        |
| Vendor       | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 9.7000e-004        | 7.5000e-004   | 8.5100e-003   | 2.0000e-005        | 2.4700e-003        | 2.0000e-005        | 2.4900e-003        | 6.5000e-004        | 2.0000e-005        | 6.7000e-004        | 0.0000        | 2.2251         | 2.2251         | 7.0000e-005        | 0.0000        | 2.2267         |
| <b>Total</b> | <b>2.9000e-003</b> | <b>0.0641</b> | <b>0.0233</b> | <b>2.0000e-004</b> | <b>6.4100e-003</b> | <b>2.1000e-004</b> | <b>6.6200e-003</b> | <b>1.7300e-003</b> | <b>2.0000e-004</b> | <b>1.9300e-003</b> | <b>0.0000</b> | <b>19.6816</b> | <b>19.6816</b> | <b>1.2800e-003</b> | <b>0.0000</b> | <b>19.7136</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.1807        | 0.0000        | 0.1807        | 0.0993         | 0.0000        | 0.0993        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0389        | 0.4050        | 0.2115        | 3.8000e-004        |               | 0.0204        | 0.0204        |                | 0.0188        | 0.0188        | 0.0000        | 33.4357        | 33.4357        | 0.0108        | 0.0000        | 33.7061        |
| <b>Total</b>  | <b>0.0389</b> | <b>0.4050</b> | <b>0.2115</b> | <b>3.8000e-004</b> | <b>0.1807</b> | <b>0.0204</b> | <b>0.2011</b> | <b>0.0993</b>  | <b>0.0188</b> | <b>0.1181</b> | <b>0.0000</b> | <b>33.4357</b> | <b>33.4357</b> | <b>0.0108</b> | <b>0.0000</b> | <b>33.7061</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 7.7000e-004        | 6.0000e-004        | 6.8100e-003        | 2.0000e-005        | 1.9700e-003        | 2.0000e-005        | 1.9900e-003        | 5.2000e-004        | 1.0000e-005        | 5.4000e-004        | 0.0000        | 1.7801        | 1.7801        | 5.0000e-005        | 0.0000        | 1.7814        |
| <b>Total</b> | <b>7.7000e-004</b> | <b>6.0000e-004</b> | <b>6.8100e-003</b> | <b>2.0000e-005</b> | <b>1.9700e-003</b> | <b>2.0000e-005</b> | <b>1.9900e-003</b> | <b>5.2000e-004</b> | <b>1.0000e-005</b> | <b>5.4000e-004</b> | <b>0.0000</b> | <b>1.7801</b> | <b>1.7801</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>1.7814</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.1807        | 0.0000        | 0.1807        | 0.0993         | 0.0000        | 0.0993        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0389        | 0.4050        | 0.2115        | 3.8000e-004        |               | 0.0204        | 0.0204        |                | 0.0188        | 0.0188        | 0.0000        | 33.4357        | 33.4357        | 0.0108        | 0.0000        | 33.7060        |
| <b>Total</b>  | <b>0.0389</b> | <b>0.4050</b> | <b>0.2115</b> | <b>3.8000e-004</b> | <b>0.1807</b> | <b>0.0204</b> | <b>0.2011</b> | <b>0.0993</b>  | <b>0.0188</b> | <b>0.1181</b> | <b>0.0000</b> | <b>33.4357</b> | <b>33.4357</b> | <b>0.0108</b> | <b>0.0000</b> | <b>33.7060</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 7.7000e-004        | 6.0000e-004        | 6.8100e-003        | 2.0000e-005        | 1.9700e-003        | 2.0000e-005        | 1.9900e-003        | 5.2000e-004        | 1.0000e-005        | 5.4000e-004        | 0.0000        | 1.7801        | 1.7801        | 5.0000e-005        | 0.0000        | 1.7814        |
| <b>Total</b> | <b>7.7000e-004</b> | <b>6.0000e-004</b> | <b>6.8100e-003</b> | <b>2.0000e-005</b> | <b>1.9700e-003</b> | <b>2.0000e-005</b> | <b>1.9900e-003</b> | <b>5.2000e-004</b> | <b>1.0000e-005</b> | <b>5.4000e-004</b> | <b>0.0000</b> | <b>1.7801</b> | <b>1.7801</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>1.7814</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Fugitive Dust |               |               |               |                    | 0.1741        | 0.0000        | 0.1741        | 0.0693         | 0.0000        | 0.0693        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road      | 0.0796        | 0.8816        | 0.5867        | 1.1800e-003        |               | 0.0377        | 0.0377        |                | 0.0347        | 0.0347        | 0.0000        | 103.5405        | 103.5405        | 0.0335        | 0.0000        | 104.3776        |
| <b>Total</b>  | <b>0.0796</b> | <b>0.8816</b> | <b>0.5867</b> | <b>1.1800e-003</b> | <b>0.1741</b> | <b>0.0377</b> | <b>0.2118</b> | <b>0.0693</b>  | <b>0.0347</b> | <b>0.1040</b> | <b>0.0000</b> | <b>103.5405</b> | <b>103.5405</b> | <b>0.0335</b> | <b>0.0000</b> | <b>104.3776</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 1.6400e-003        | 1.2700e-003        | 0.0144        | 4.0000e-005        | 4.1600e-003        | 3.0000e-005        | 4.2000e-003        | 1.1100e-003        | 3.0000e-005        | 1.1400e-003        | 0.0000        | 3.7579        | 3.7579        | 1.1000e-004        | 0.0000        | 3.7607        |
| <b>Total</b> | <b>1.6400e-003</b> | <b>1.2700e-003</b> | <b>0.0144</b> | <b>4.0000e-005</b> | <b>4.1600e-003</b> | <b>3.0000e-005</b> | <b>4.2000e-003</b> | <b>1.1100e-003</b> | <b>3.0000e-005</b> | <b>1.1400e-003</b> | <b>0.0000</b> | <b>3.7579</b> | <b>3.7579</b> | <b>1.1000e-004</b> | <b>0.0000</b> | <b>3.7607</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Fugitive Dust |               |               |               |                    | 0.1741        | 0.0000        | 0.1741        | 0.0693         | 0.0000        | 0.0693        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road      | 0.0796        | 0.8816        | 0.5867        | 1.1800e-003        |               | 0.0377        | 0.0377        |                | 0.0347        | 0.0347        | 0.0000        | 103.5403        | 103.5403        | 0.0335        | 0.0000        | 104.3775        |
| <b>Total</b>  | <b>0.0796</b> | <b>0.8816</b> | <b>0.5867</b> | <b>1.1800e-003</b> | <b>0.1741</b> | <b>0.0377</b> | <b>0.2118</b> | <b>0.0693</b>  | <b>0.0347</b> | <b>0.1040</b> | <b>0.0000</b> | <b>103.5403</b> | <b>103.5403</b> | <b>0.0335</b> | <b>0.0000</b> | <b>104.3775</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 1.6400e-003        | 1.2700e-003        | 0.0144        | 4.0000e-005        | 4.1600e-003        | 3.0000e-005        | 4.2000e-003        | 1.1100e-003        | 3.0000e-005        | 1.1400e-003        | 0.0000        | 3.7579        | 3.7579        | 1.1000e-004        | 0.0000        | 3.7607        |
| <b>Total</b> | <b>1.6400e-003</b> | <b>1.2700e-003</b> | <b>0.0144</b> | <b>4.0000e-005</b> | <b>4.1600e-003</b> | <b>3.0000e-005</b> | <b>4.2000e-003</b> | <b>1.1100e-003</b> | <b>3.0000e-005</b> | <b>1.1400e-003</b> | <b>0.0000</b> | <b>3.7579</b> | <b>3.7579</b> | <b>1.1000e-004</b> | <b>0.0000</b> | <b>3.7607</b> |

**3.4 Grading - 2022****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 0.0807        | 0.0000             | 0.0807        | 0.0180         | 0.0000             | 0.0180        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0127        | 0.1360        | 0.1017        | 2.2000e-004        |               | 5.7200e-003        | 5.7200e-003   |                | 5.2600e-003        | 5.2600e-003   | 0.0000        | 19.0871        | 19.0871        | 6.1700e-003        | 0.0000        | 19.2414        |
| <b>Total</b>  | <b>0.0127</b> | <b>0.1360</b> | <b>0.1017</b> | <b>2.2000e-004</b> | <b>0.0807</b> | <b>5.7200e-003</b> | <b>0.0865</b> | <b>0.0180</b>  | <b>5.2600e-003</b> | <b>0.0233</b> | <b>0.0000</b> | <b>19.0871</b> | <b>19.0871</b> | <b>6.1700e-003</b> | <b>0.0000</b> | <b>19.2414</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2022****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.8000e-004        | 2.1000e-004        | 2.4400e-003        | 1.0000e-005        | 7.7000e-004        | 1.0000e-005        | 7.7000e-004        | 2.0000e-004        | 1.0000e-005        | 2.1000e-004        | 0.0000        | 0.6679        | 0.6679        | 2.0000e-005        | 0.0000        | 0.6684        |
| <b>Total</b> | <b>2.8000e-004</b> | <b>2.1000e-004</b> | <b>2.4400e-003</b> | <b>1.0000e-005</b> | <b>7.7000e-004</b> | <b>1.0000e-005</b> | <b>7.7000e-004</b> | <b>2.0000e-004</b> | <b>1.0000e-005</b> | <b>2.1000e-004</b> | <b>0.0000</b> | <b>0.6679</b> | <b>0.6679</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.6684</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 0.0807        | 0.0000             | 0.0807        | 0.0180         | 0.0000             | 0.0180        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0127        | 0.1360        | 0.1017        | 2.2000e-004        |               | 5.7200e-003        | 5.7200e-003   |                | 5.2600e-003        | 5.2600e-003   | 0.0000        | 19.0871        | 19.0871        | 6.1700e-003        | 0.0000        | 19.2414        |
| <b>Total</b>  | <b>0.0127</b> | <b>0.1360</b> | <b>0.1017</b> | <b>2.2000e-004</b> | <b>0.0807</b> | <b>5.7200e-003</b> | <b>0.0865</b> | <b>0.0180</b>  | <b>5.2600e-003</b> | <b>0.0233</b> | <b>0.0000</b> | <b>19.0871</b> | <b>19.0871</b> | <b>6.1700e-003</b> | <b>0.0000</b> | <b>19.2414</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2022****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.8000e-004        | 2.1000e-004        | 2.4400e-003        | 1.0000e-005        | 7.7000e-004        | 1.0000e-005        | 7.7000e-004        | 2.0000e-004        | 1.0000e-005        | 2.1000e-004        | 0.0000        | 0.6679        | 0.6679        | 2.0000e-005        | 0.0000        | 0.6684        |
| <b>Total</b> | <b>2.8000e-004</b> | <b>2.1000e-004</b> | <b>2.4400e-003</b> | <b>1.0000e-005</b> | <b>7.7000e-004</b> | <b>1.0000e-005</b> | <b>7.7000e-004</b> | <b>2.0000e-004</b> | <b>1.0000e-005</b> | <b>2.1000e-004</b> | <b>0.0000</b> | <b>0.6679</b> | <b>0.6679</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.6684</b> |

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

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.2158        | 1.9754        | 2.0700        | 3.4100e-003        |               | 0.1023        | 0.1023        |                | 0.0963        | 0.0963        | 0.0000        | 293.1324        | 293.1324        | 0.0702        | 0.0000        | 294.8881        |
| <b>Total</b> | <b>0.2158</b> | <b>1.9754</b> | <b>2.0700</b> | <b>3.4100e-003</b> |               | <b>0.1023</b> | <b>0.1023</b> |                | <b>0.0963</b> | <b>0.0963</b> | <b>0.0000</b> | <b>293.1324</b> | <b>293.1324</b> | <b>0.0702</b> | <b>0.0000</b> | <b>294.8881</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |               |               |                |               |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0527        | 1.6961        | 0.4580        | 4.5500e-003   | 0.1140        | 3.1800e-003   | 0.1171        | 0.0329         | 3.0400e-003   | 0.0359        | 0.0000        | 441.9835          | 441.9835          | 0.0264        | 0.0000        | 442.6435          |
| Worker       | 0.4088        | 0.3066        | 3.5305        | 0.0107        | 1.1103        | 8.8700e-003   | 1.1192        | 0.2949         | 8.1700e-003   | 0.3031        | 0.0000        | 966.8117          | 966.8117          | 0.0266        | 0.0000        | 967.4773          |
| <b>Total</b> | <b>0.4616</b> | <b>2.0027</b> | <b>3.9885</b> | <b>0.0152</b> | <b>1.2243</b> | <b>0.0121</b> | <b>1.2363</b> | <b>0.3278</b>  | <b>0.0112</b> | <b>0.3390</b> | <b>0.0000</b> | <b>1,408.7952</b> | <b>1,408.7952</b> | <b>0.0530</b> | <b>0.0000</b> | <b>1,410.1208</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.2158        | 1.9754        | 2.0700        | 3.4100e-003        |               | 0.1023        | 0.1023        |                | 0.0963        | 0.0963        | 0.0000        | 293.1321        | 293.1321        | 0.0702        | 0.0000        | 294.8877        |
| <b>Total</b> | <b>0.2158</b> | <b>1.9754</b> | <b>2.0700</b> | <b>3.4100e-003</b> |               | <b>0.1023</b> | <b>0.1023</b> |                | <b>0.0963</b> | <b>0.0963</b> | <b>0.0000</b> | <b>293.1321</b> | <b>293.1321</b> | <b>0.0702</b> | <b>0.0000</b> | <b>294.8877</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |               |               |                |               |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0527        | 1.6961        | 0.4580        | 4.5500e-003   | 0.1140        | 3.1800e-003   | 0.1171        | 0.0329         | 3.0400e-003   | 0.0359        | 0.0000        | 441.9835          | 441.9835          | 0.0264        | 0.0000        | 442.6435          |
| Worker       | 0.4088        | 0.3066        | 3.5305        | 0.0107        | 1.1103        | 8.8700e-003   | 1.1192        | 0.2949         | 8.1700e-003   | 0.3031        | 0.0000        | 966.8117          | 966.8117          | 0.0266        | 0.0000        | 967.4773          |
| <b>Total</b> | <b>0.4616</b> | <b>2.0027</b> | <b>3.9885</b> | <b>0.0152</b> | <b>1.2243</b> | <b>0.0121</b> | <b>1.2363</b> | <b>0.3278</b>  | <b>0.0112</b> | <b>0.3390</b> | <b>0.0000</b> | <b>1,408.7952</b> | <b>1,408.7952</b> | <b>0.0530</b> | <b>0.0000</b> | <b>1,410.1208</b> |

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

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1942        | 1.7765        | 2.0061        | 3.3300e-003        |               | 0.0864        | 0.0864        |                | 0.0813        | 0.0813        | 0.0000        | 286.2789        | 286.2789        | 0.0681        | 0.0000        | 287.9814        |
| <b>Total</b> | <b>0.1942</b> | <b>1.7765</b> | <b>2.0061</b> | <b>3.3300e-003</b> |               | <b>0.0864</b> | <b>0.0864</b> |                | <b>0.0813</b> | <b>0.0813</b> | <b>0.0000</b> | <b>286.2789</b> | <b>286.2789</b> | <b>0.0681</b> | <b>0.0000</b> | <b>287.9814</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |                    |               |                |                    |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0382        | 1.2511        | 0.4011        | 4.3000e-003   | 0.1113        | 1.4600e-003        | 0.1127        | 0.0321         | 1.4000e-003        | 0.0335        | 0.0000        | 417.9930          | 417.9930          | 0.0228        | 0.0000        | 418.5624          |
| Worker       | 0.3753        | 0.2708        | 3.1696        | 0.0101        | 1.0840        | 8.4100e-003        | 1.0924        | 0.2879         | 7.7400e-003        | 0.2957        | 0.0000        | 909.3439          | 909.3439          | 0.0234        | 0.0000        | 909.9291          |
| <b>Total</b> | <b>0.4135</b> | <b>1.5218</b> | <b>3.5707</b> | <b>0.0144</b> | <b>1.1953</b> | <b>9.8700e-003</b> | <b>1.2051</b> | <b>0.3200</b>  | <b>9.1400e-003</b> | <b>0.3292</b> | <b>0.0000</b> | <b>1,327.3369</b> | <b>1,327.3369</b> | <b>0.0462</b> | <b>0.0000</b> | <b>1,328.4916</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1942        | 1.7765        | 2.0061        | 3.3300e-003        |               | 0.0864        | 0.0864        |                | 0.0813        | 0.0813        | 0.0000        | 286.2785        | 286.2785        | 0.0681        | 0.0000        | 287.9811        |
| <b>Total</b> | <b>0.1942</b> | <b>1.7765</b> | <b>2.0061</b> | <b>3.3300e-003</b> |               | <b>0.0864</b> | <b>0.0864</b> |                | <b>0.0813</b> | <b>0.0813</b> | <b>0.0000</b> | <b>286.2785</b> | <b>286.2785</b> | <b>0.0681</b> | <b>0.0000</b> | <b>287.9811</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |                    |               |                |                    |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0382        | 1.2511        | 0.4011        | 4.3000e-003   | 0.1113        | 1.4600e-003        | 0.1127        | 0.0321         | 1.4000e-003        | 0.0335        | 0.0000        | 417.9930          | 417.9930          | 0.0228        | 0.0000        | 418.5624          |
| Worker       | 0.3753        | 0.2708        | 3.1696        | 0.0101        | 1.0840        | 8.4100e-003        | 1.0924        | 0.2879         | 7.7400e-003        | 0.2957        | 0.0000        | 909.3439          | 909.3439          | 0.0234        | 0.0000        | 909.9291          |
| <b>Total</b> | <b>0.4135</b> | <b>1.5218</b> | <b>3.5707</b> | <b>0.0144</b> | <b>1.1953</b> | <b>9.8700e-003</b> | <b>1.2051</b> | <b>0.3200</b>  | <b>9.1400e-003</b> | <b>0.3292</b> | <b>0.0000</b> | <b>1,327.3369</b> | <b>1,327.3369</b> | <b>0.0462</b> | <b>0.0000</b> | <b>1,328.4916</b> |

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

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 6.7100e-003        | 0.0663        | 0.0948        | 1.5000e-004        |               | 3.3200e-003        | 3.3200e-003        |                | 3.0500e-003        | 3.0500e-003        | 0.0000        | 13.0175        | 13.0175        | 4.2100e-003        | 0.0000        | 13.1227        |
| Paving       | 0.0000             |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>6.7100e-003</b> | <b>0.0663</b> | <b>0.0948</b> | <b>1.5000e-004</b> |               | <b>3.3200e-003</b> | <b>3.3200e-003</b> |                | <b>3.0500e-003</b> | <b>3.0500e-003</b> | <b>0.0000</b> | <b>13.0175</b> | <b>13.0175</b> | <b>4.2100e-003</b> | <b>0.0000</b> | <b>13.1227</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2023****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 3.7000e-004        | 2.7000e-004        | 3.1200e-003        | 1.0000e-005        | 1.0700e-003        | 1.0000e-005        | 1.0800e-003        | 2.8000e-004        | 1.0000e-005        | 2.9000e-004        | 0.0000        | 0.8963        | 0.8963        | 2.0000e-005        | 0.0000        | 0.8968        |
| <b>Total</b> | <b>3.7000e-004</b> | <b>2.7000e-004</b> | <b>3.1200e-003</b> | <b>1.0000e-005</b> | <b>1.0700e-003</b> | <b>1.0000e-005</b> | <b>1.0800e-003</b> | <b>2.8000e-004</b> | <b>1.0000e-005</b> | <b>2.9000e-004</b> | <b>0.0000</b> | <b>0.8963</b> | <b>0.8963</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.8968</b> |

**Mitigated Construction On-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 6.7100e-003        | 0.0663        | 0.0948        | 1.5000e-004        |               | 3.3200e-003        | 3.3200e-003        |                | 3.0500e-003        | 3.0500e-003        | 0.0000        | 13.0175        | 13.0175        | 4.2100e-003        | 0.0000        | 13.1227        |
| Paving       | 0.0000             |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>6.7100e-003</b> | <b>0.0663</b> | <b>0.0948</b> | <b>1.5000e-004</b> |               | <b>3.3200e-003</b> | <b>3.3200e-003</b> |                | <b>3.0500e-003</b> | <b>3.0500e-003</b> | <b>0.0000</b> | <b>13.0175</b> | <b>13.0175</b> | <b>4.2100e-003</b> | <b>0.0000</b> | <b>13.1227</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2023****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 3.7000e-004        | 2.7000e-004        | 3.1200e-003        | 1.0000e-005        | 1.0700e-003        | 1.0000e-005        | 1.0800e-003        | 2.8000e-004        | 1.0000e-005        | 2.9000e-004        | 0.0000        | 0.8963        | 0.8963        | 2.0000e-005        | 0.0000        | 0.8968        |
| <b>Total</b> | <b>3.7000e-004</b> | <b>2.7000e-004</b> | <b>3.1200e-003</b> | <b>1.0000e-005</b> | <b>1.0700e-003</b> | <b>1.0000e-005</b> | <b>1.0800e-003</b> | <b>2.8000e-004</b> | <b>1.0000e-005</b> | <b>2.9000e-004</b> | <b>0.0000</b> | <b>0.8963</b> | <b>0.8963</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.8968</b> |

**3.6 Paving - 2024****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 0.0109        | 0.1048        | 0.1609        | 2.5000e-004        |               | 5.1500e-003        | 5.1500e-003        |                | 4.7400e-003        | 4.7400e-003        | 0.0000        | 22.0292        | 22.0292        | 7.1200e-003        | 0.0000        | 22.2073        |
| Paving       | 0.0000        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>0.0109</b> | <b>0.1048</b> | <b>0.1609</b> | <b>2.5000e-004</b> |               | <b>5.1500e-003</b> | <b>5.1500e-003</b> |                | <b>4.7400e-003</b> | <b>4.7400e-003</b> | <b>0.0000</b> | <b>22.0292</b> | <b>22.0292</b> | <b>7.1200e-003</b> | <b>0.0000</b> | <b>22.2073</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2024****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 5.9000e-004        | 4.1000e-004        | 4.9200e-003        | 2.0000e-005        | 1.8100e-003        | 1.0000e-005        | 1.8200e-003        | 4.8000e-004        | 1.0000e-005        | 4.9000e-004        | 0.0000        | 1.4697        | 1.4697        | 4.0000e-005        | 0.0000        | 1.4706        |
| <b>Total</b> | <b>5.9000e-004</b> | <b>4.1000e-004</b> | <b>4.9200e-003</b> | <b>2.0000e-005</b> | <b>1.8100e-003</b> | <b>1.0000e-005</b> | <b>1.8200e-003</b> | <b>4.8000e-004</b> | <b>1.0000e-005</b> | <b>4.9000e-004</b> | <b>0.0000</b> | <b>1.4697</b> | <b>1.4697</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>1.4706</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 0.0109        | 0.1048        | 0.1609        | 2.5000e-004        |               | 5.1500e-003        | 5.1500e-003        |                | 4.7400e-003        | 4.7400e-003        | 0.0000        | 22.0292        | 22.0292        | 7.1200e-003        | 0.0000        | 22.2073        |
| Paving       | 0.0000        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>0.0109</b> | <b>0.1048</b> | <b>0.1609</b> | <b>2.5000e-004</b> |               | <b>5.1500e-003</b> | <b>5.1500e-003</b> |                | <b>4.7400e-003</b> | <b>4.7400e-003</b> | <b>0.0000</b> | <b>22.0292</b> | <b>22.0292</b> | <b>7.1200e-003</b> | <b>0.0000</b> | <b>22.2073</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2024****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 5.9000e-004        | 4.1000e-004        | 4.9200e-003        | 2.0000e-005        | 1.8100e-003        | 1.0000e-005        | 1.8200e-003        | 4.8000e-004        | 1.0000e-005        | 4.9000e-004        | 0.0000        | 1.4697        | 1.4697        | 4.0000e-005        | 0.0000        | 1.4706        |
| <b>Total</b> | <b>5.9000e-004</b> | <b>4.1000e-004</b> | <b>4.9200e-003</b> | <b>2.0000e-005</b> | <b>1.8100e-003</b> | <b>1.0000e-005</b> | <b>1.8200e-003</b> | <b>4.8000e-004</b> | <b>1.0000e-005</b> | <b>4.9000e-004</b> | <b>0.0000</b> | <b>1.4697</b> | <b>1.4697</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>1.4706</b> |

**3.7 Architectural Coating - 2024****Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category        | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Archit. Coating | 4.1372        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 3.1600e-003   | 0.0213        | 0.0317        | 5.0000e-005        |               | 1.0700e-003        | 1.0700e-003        |                | 1.0700e-003        | 1.0700e-003        | 0.0000        | 4.4682        | 4.4682        | 2.5000e-004        | 0.0000        | 4.4745        |
| <b>Total</b>    | <b>4.1404</b> | <b>0.0213</b> | <b>0.0317</b> | <b>5.0000e-005</b> |               | <b>1.0700e-003</b> | <b>1.0700e-003</b> |                | <b>1.0700e-003</b> | <b>1.0700e-003</b> | <b>0.0000</b> | <b>4.4682</b> | <b>4.4682</b> | <b>2.5000e-004</b> | <b>0.0000</b> | <b>4.4745</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.7 Architectural Coating - 2024****Unmitigated Construction Off-Site**

|              | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 0.0101        | 6.9900e-003        | 0.0835        | 2.8000e-004        | 0.0307        | 2.3000e-004        | 0.0309        | 8.1500e-003        | 2.2000e-004        | 8.3700e-003        | 0.0000        | 24.9407        | 24.9407        | 6.1000e-004        | 0.0000        | 24.9558        |
| <b>Total</b> | <b>0.0101</b> | <b>6.9900e-003</b> | <b>0.0835</b> | <b>2.8000e-004</b> | <b>0.0307</b> | <b>2.3000e-004</b> | <b>0.0309</b> | <b>8.1500e-003</b> | <b>2.2000e-004</b> | <b>8.3700e-003</b> | <b>0.0000</b> | <b>24.9407</b> | <b>24.9407</b> | <b>6.1000e-004</b> | <b>0.0000</b> | <b>24.9558</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category        | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Archit. Coating | 4.1372        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 3.1600e-003   | 0.0213        | 0.0317        | 5.0000e-005        |               | 1.0700e-003        | 1.0700e-003        |                | 1.0700e-003        | 1.0700e-003        | 0.0000        | 4.4682        | 4.4682        | 2.5000e-004        | 0.0000        | 4.4745        |
| <b>Total</b>    | <b>4.1404</b> | <b>0.0213</b> | <b>0.0317</b> | <b>5.0000e-005</b> |               | <b>1.0700e-003</b> | <b>1.0700e-003</b> |                | <b>1.0700e-003</b> | <b>1.0700e-003</b> | <b>0.0000</b> | <b>4.4682</b> | <b>4.4682</b> | <b>2.5000e-004</b> | <b>0.0000</b> | <b>4.4745</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.7 Architectural Coating - 2024****Mitigated Construction Off-Site**

|              | ROG           | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 0.0101        | 6.9900e-003        | 0.0835        | 2.8000e-004        | 0.0307        | 2.3000e-004        | 0.0309        | 8.1500e-003        | 2.2000e-004        | 8.3700e-003        | 0.0000        | 24.9407        | 24.9407        | 6.1000e-004        | 0.0000        | 24.9558        |
| <b>Total</b> | <b>0.0101</b> | <b>6.9900e-003</b> | <b>0.0835</b> | <b>2.8000e-004</b> | <b>0.0307</b> | <b>2.3000e-004</b> | <b>0.0309</b> | <b>8.1500e-003</b> | <b>2.2000e-004</b> | <b>8.3700e-003</b> | <b>0.0000</b> | <b>24.9407</b> | <b>24.9407</b> | <b>6.1000e-004</b> | <b>0.0000</b> | <b>24.9558</b> |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|             | ROG     | NOx    | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|-------------|---------|--------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category    | tons/yr |        |         |        |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| Mitigated   | 1.5857  | 7.9962 | 19.1834 | 0.0821 | 7.7979        | 0.0580       | 7.8559     | 2.0895         | 0.0539        | 2.1434      | 0.0000   | 7,620.4986 | 7,620.4986 | 0.3407 | 0.0000 | 7,629.0162 |
| Unmitigated | 1.5857  | 7.9962 | 19.1834 | 0.0821 | 7.7979        | 0.0580       | 7.8559     | 2.0895         | 0.0539        | 2.1434      | 0.0000   | 7,620.4986 | 7,620.4986 | 0.3407 | 0.0000 | 7,629.0162 |

## 4.2 Trip Summary Information

| Land Use                            | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
|                                     | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments Low Rise                 | 145.75                  | 154.25   | 154.00   | 506,227     | 506,227    |
| Apartments Mid Rise                 | 4,026.75                | 3,773.25 | 4075.50  | 13,660,065  | 13,660,065 |
| General Office Building             | 288.45                  | 62.55    | 31.05    | 706,812     | 706,812    |
| High Turnover (Sit Down Restaurant) | 2,368.80                | 2,873.52 | 2817.72  | 3,413,937   | 3,413,937  |
| Hotel                               | 192.00                  | 187.50   | 160.00   | 445,703     | 445,703    |
| Quality Restaurant                  | 501.12                  | 511.92   | 461.20   | 707,488     | 707,488    |
| Regional Shopping Center            | 528.08                  | 601.44   | 357.84   | 1,112,221   | 1,112,221  |
| Total                               | 8,050.95                | 8,164.43 | 8,057.31 | 20,552,452  | 20,552,452 |

## 4.3 Trip Type Information

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

| 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 |
| Apartments Low Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Apartments Mid Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| General Office Building  | 16.60      | 8.40       | 6.90        | 33.00      | 48.00      | 19.00       | 77             | 19       | 4       |
| High Turnover (Sit Down  | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Hotel                    | 16.60      | 8.40       | 6.90        | 19.40      | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant       | 16.60      | 8.40       | 6.90        | 12.00      | 69.00      | 19.00       | 38             | 18       | 44      |
| Regional Shopping Center | 16.60      | 8.40       | 6.90        | 16.30      | 64.70      | 19.00       | 54             | 35       | 11      |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Apartments Mid Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| General Office Building             | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| High Turnover (Sit Down Restaurant) | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Hotel                               | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Quality Restaurant                  | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Regional Shopping Center            | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |

## 5.0 Energy Detail

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Historical Energy Use: N

## 5.1 Mitigation Measures Energy

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|                         | ROG     | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|-------------------------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category                | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| Electricity Mitigated   |         |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 2,512.6465 | 2,512.6465 | 0.1037 | 0.0215 | 2,521.6356 |
| Electricity Unmitigated |         |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 2,512.6465 | 2,512.6465 | 0.1037 | 0.0215 | 2,521.6356 |
| NaturalGas Mitigated    | 0.1398  | 1.2312 | 0.7770 | 7.6200e-003 |               | 0.0966       | 0.0966     |                | 0.0966        | 0.0966      | 0.0000   | 1,383.4267 | 1,383.4267 | 0.0265 | 0.0254 | 1,391.6478 |
| NaturalGas Unmitigated  | 0.1398  | 1.2312 | 0.7770 | 7.6200e-003 |               | 0.0966       | 0.0966     |                | 0.0966        | 0.0966      | 0.0000   | 1,383.4267 | 1,383.4267 | 0.0265 | 0.0254 | 1,391.6478 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                   |                   |               |               |                   |
| Apartments Low Rise                 | 408494         | 2.2000e-003   | 0.0188        | 8.0100e-003   | 1.2000e-004        |               | 1.5200e-003   | 1.5200e-003   |                | 1.5200e-003   | 1.5200e-003   | 0.0000        | 21.7988           | 21.7988           | 4.2000e-004   | 4.0000e-004   | 21.9284           |
| Apartments Mid Rise                 | 1.30613e+007   | 0.0704        | 0.6018        | 0.2561        | 3.8400e-003        |               | 0.0487        | 0.0487        |                | 0.0487        | 0.0487        | 0.0000        | 696.9989          | 696.9989          | 0.0134        | 0.0128        | 701.1408          |
| General Office Building             | 468450         | 2.5300e-003   | 0.0230        | 0.0193        | 1.4000e-004        |               | 1.7500e-003   | 1.7500e-003   |                | 1.7500e-003   | 1.7500e-003   | 0.0000        | 24.9983           | 24.9983           | 4.8000e-004   | 4.6000e-004   | 25.1468           |
| High Turnover (Sit Down Restaurant) | 8.30736e+006   | 0.0448        | 0.4072        | 0.3421        | 2.4400e-003        |               | 0.0310        | 0.0310        |                | 0.0310        | 0.0310        | 0.0000        | 443.3124          | 443.3124          | 8.5000e-003   | 8.1300e-003   | 445.9468          |
| Hotel                               | 1.74095e+006   | 9.3900e-003   | 0.0853        | 0.0717        | 5.1000e-004        |               | 6.4900e-003   | 6.4900e-003   |                | 6.4900e-003   | 6.4900e-003   | 0.0000        | 92.9036           | 92.9036           | 1.7800e-003   | 1.7000e-003   | 93.4557           |
| Quality Restaurant                  | 1.84608e+006   | 9.9500e-003   | 0.0905        | 0.0760        | 5.4000e-004        |               | 6.8800e-003   | 6.8800e-003   |                | 6.8800e-003   | 6.8800e-003   | 0.0000        | 98.5139           | 98.5139           | 1.8900e-003   | 1.8100e-003   | 99.0993           |
| Regional Shopping Center            | 91840          | 5.0000e-004   | 4.5000e-003   | 3.7800e-003   | 3.0000e-005        |               | 3.4000e-004   | 3.4000e-004   |                | 3.4000e-004   | 3.4000e-004   | 0.0000        | 4.9009            | 4.9009            | 9.0000e-005   | 9.0000e-005   | 4.9301            |
| <b>Total</b>                        |                | <b>0.1398</b> | <b>1.2312</b> | <b>0.7770</b> | <b>7.6200e-003</b> |               | <b>0.0966</b> | <b>0.0966</b> |                | <b>0.0966</b> | <b>0.0966</b> | <b>0.0000</b> | <b>1,383.4268</b> | <b>1,383.4268</b> | <b>0.0265</b> | <b>0.0254</b> | <b>1,391.6478</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                   |                   |               |               |                   |
| Apartments Low Rise                 | 408494         | 2.2000e-003   | 0.0188        | 8.0100e-003   | 1.2000e-004        |               | 1.5200e-003   | 1.5200e-003   |                | 1.5200e-003   | 1.5200e-003   | 0.0000        | 21.7988           | 21.7988           | 4.2000e-004   | 4.0000e-004   | 21.9284           |
| Apartments Mid Rise                 | 1.30613e+007   | 0.0704        | 0.6018        | 0.2561        | 3.8400e-003        |               | 0.0487        | 0.0487        |                | 0.0487        | 0.0487        | 0.0000        | 696.9989          | 696.9989          | 0.0134        | 0.0128        | 701.1408          |
| General Office Building             | 468450         | 2.5300e-003   | 0.0230        | 0.0193        | 1.4000e-004        |               | 1.7500e-003   | 1.7500e-003   |                | 1.7500e-003   | 1.7500e-003   | 0.0000        | 24.9983           | 24.9983           | 4.8000e-004   | 4.6000e-004   | 25.1468           |
| High Turnover (Sit Down Restaurant) | 8.30736e+006   | 0.0448        | 0.4072        | 0.3421        | 2.4400e-003        |               | 0.0310        | 0.0310        |                | 0.0310        | 0.0310        | 0.0000        | 443.3124          | 443.3124          | 8.5000e-003   | 8.1300e-003   | 445.9468          |
| Hotel                               | 1.74095e+006   | 9.3900e-003   | 0.0853        | 0.0717        | 5.1000e-004        |               | 6.4900e-003   | 6.4900e-003   |                | 6.4900e-003   | 6.4900e-003   | 0.0000        | 92.9036           | 92.9036           | 1.7800e-003   | 1.7000e-003   | 93.4557           |
| Quality Restaurant                  | 1.84608e+006   | 9.9500e-003   | 0.0905        | 0.0760        | 5.4000e-004        |               | 6.8800e-003   | 6.8800e-003   |                | 6.8800e-003   | 6.8800e-003   | 0.0000        | 98.5139           | 98.5139           | 1.8900e-003   | 1.8100e-003   | 99.0993           |
| Regional Shopping Center            | 91840          | 5.0000e-004   | 4.5000e-003   | 3.7800e-003   | 3.0000e-005        |               | 3.4000e-004   | 3.4000e-004   |                | 3.4000e-004   | 3.4000e-004   | 0.0000        | 4.9009            | 4.9009            | 9.0000e-005   | 9.0000e-005   | 4.9301            |
| <b>Total</b>                        |                | <b>0.1398</b> | <b>1.2312</b> | <b>0.7770</b> | <b>7.6200e-003</b> |               | <b>0.0966</b> | <b>0.0966</b> |                | <b>0.0966</b> | <b>0.0966</b> | <b>0.0000</b> | <b>1,383.4268</b> | <b>1,383.4268</b> | <b>0.0265</b> | <b>0.0254</b> | <b>1,391.6478</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**5.3 Energy by Land Use - Electricity****Unmitigated**

|                                     | Electricity Use | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kWh/yr          | MT/yr             |               |               |                   |
| Apartments Low Rise                 | 106010          | 33.7770           | 1.3900e-003   | 2.9000e-004   | 33.8978           |
| Apartments Mid Rise                 | 3.94697e+006    | 1,257.5879        | 0.0519        | 0.0107        | 1,262.0869        |
| General Office Building             | 584550          | 186.2502          | 7.6900e-003   | 1.5900e-003   | 186.9165          |
| High Turnover (Sit Down Restaurant) | 1.58904e+006    | 506.3022          | 0.0209        | 4.3200e-003   | 508.1135          |
| Hotel                               | 550308          | 175.3399          | 7.2400e-003   | 1.5000e-003   | 175.9672          |
| Quality Restaurant                  | 353120          | 112.5116          | 4.6500e-003   | 9.6000e-004   | 112.9141          |
| Regional Shopping Center            | 756000          | 240.8778          | 9.9400e-003   | 2.0600e-003   | 241.7395          |
| <b>Total</b>                        |                 | <b>2,512.6465</b> | <b>0.1037</b> | <b>0.0215</b> | <b>2,521.6356</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**5.3 Energy by Land Use - Electricity****Mitigated**

|                                     | Electricity Use | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kWh/yr          | MT/yr             |               |               |                   |
| Apartments Low Rise                 | 106010          | 33.7770           | 1.3900e-003   | 2.9000e-004   | 33.8978           |
| Apartments Mid Rise                 | 3.94697e+006    | 1,257.5879        | 0.0519        | 0.0107        | 1,262.0869        |
| General Office Building             | 584550          | 186.2502          | 7.6900e-003   | 1.5900e-003   | 186.9165          |
| High Turnover (Sit Down Restaurant) | 1.58904e+006    | 506.3022          | 0.0209        | 4.3200e-003   | 508.1135          |
| Hotel                               | 550308          | 175.3399          | 7.2400e-003   | 1.5000e-003   | 175.9672          |
| Quality Restaurant                  | 353120          | 112.5116          | 4.6500e-003   | 9.6000e-004   | 112.9141          |
| Regional Shopping Center            | 756000          | 240.8778          | 9.9400e-003   | 2.0600e-003   | 241.7395          |
| <b>Total</b>                        |                 | <b>2,512.6465</b> | <b>0.1037</b> | <b>0.0215</b> | <b>2,521.6356</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|             | ROG     | NOx    | CO      | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4    | N2O         | CO2e     |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|-------------|----------|
| Category    | tons/yr |        |         |             |               |              |            |                |               |             | MT/yr    |           |           |        |             |          |
| Mitigated   | 5.1437  | 0.2950 | 10.3804 | 1.6700e-003 |               | 0.0714       | 0.0714     |                | 0.0714        | 0.0714      | 0.0000   | 220.9670  | 220.9670  | 0.0201 | 3.7400e-003 | 222.5835 |
| Unmitigated | 5.1437  | 0.2950 | 10.3804 | 1.6700e-003 |               | 0.0714       | 0.0714     |                | 0.0714        | 0.0714      | 0.0000   | 220.9670  | 220.9670  | 0.0201 | 3.7400e-003 | 222.5835 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG           | NOx           | CO             | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O                | CO2e            |
|-----------------------|---------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|--------------------|-----------------|
| SubCategory           | tons/yr       |               |                |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |                    |                 |
| Architectural Coating | 0.4137        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Consumer Products     | 4.3998        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Hearth                | 0.0206        | 0.1763        | 0.0750         | 1.1200e-003        |               | 0.0143        | 0.0143        |                | 0.0143        | 0.0143        | 0.0000        | 204.1166        | 204.1166        | 3.9100e-003   | 3.7400e-003        | 205.3295        |
| Landscaping           | 0.3096        | 0.1187        | 10.3054        | 5.4000e-004        |               | 0.0572        | 0.0572        |                | 0.0572        | 0.0572        | 0.0000        | 16.8504         | 16.8504         | 0.0161        | 0.0000             | 17.2540         |
| <b>Total</b>          | <b>5.1437</b> | <b>0.2950</b> | <b>10.3804</b> | <b>1.6600e-003</b> |               | <b>0.0714</b> | <b>0.0714</b> |                | <b>0.0714</b> | <b>0.0714</b> | <b>0.0000</b> | <b>220.9670</b> | <b>220.9670</b> | <b>0.0201</b> | <b>3.7400e-003</b> | <b>222.5835</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**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           | tons/yr       |               |                |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |                    |                 |
| Architectural Coating | 0.4137        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Consumer Products     | 4.3998        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Hearth                | 0.0206        | 0.1763        | 0.0750         | 1.1200e-003        |               | 0.0143        | 0.0143        |                | 0.0143        | 0.0143        | 0.0000        | 204.1166        | 204.1166        | 3.9100e-003   | 3.7400e-003        | 205.3295        |
| Landscaping           | 0.3096        | 0.1187        | 10.3054        | 5.4000e-004        |               | 0.0572        | 0.0572        |                | 0.0572        | 0.0572        | 0.0000        | 16.8504         | 16.8504         | 0.0161        | 0.0000             | 17.2540         |
| <b>Total</b>          | <b>5.1437</b> | <b>0.2950</b> | <b>10.3804</b> | <b>1.6600e-003</b> |               | <b>0.0714</b> | <b>0.0714</b> |                | <b>0.0714</b> | <b>0.0714</b> | <b>0.0000</b> | <b>220.9670</b> | <b>220.9670</b> | <b>0.0201</b> | <b>3.7400e-003</b> | <b>222.5835</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|             | Total CO2 | CH4    | N2O    | CO2e     |
|-------------|-----------|--------|--------|----------|
| Category    | MT/yr     |        |        |          |
| Mitigated   | 585.8052  | 3.0183 | 0.0755 | 683.7567 |
| Unmitigated | 585.8052  | 3.0183 | 0.0755 | 683.7567 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**7.2 Water by Land Use****Unmitigated**

|                                     | Indoor/Outdoor Use | Total CO2       | CH4           | N2O           | CO2e            |
|-------------------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use                            | Mgal               | MT/yr           |               |               |                 |
| Apartments Low Rise                 | 1.62885 / 1.02688  | 10.9095         | 0.0535        | 1.3400e-003   | 12.6471         |
| Apartments Mid Rise                 | 63.5252 / 40.0485  | 425.4719        | 2.0867        | 0.0523        | 493.2363        |
| General Office Building             | 7.99802 / 4.90201  | 53.0719         | 0.2627        | 6.5900e-003   | 61.6019         |
| High Turnover (Sit Down Restaurant) | 10.9272 / 0.697482 | 51.2702         | 0.3580        | 8.8200e-003   | 62.8482         |
| Hotel                               | 1.26834 / 0.140927 | 6.1633          | 0.0416        | 1.0300e-003   | 7.5079          |
| Quality Restaurant                  | 2.42827 / 0.154996 | 11.3934         | 0.0796        | 1.9600e-003   | 13.9663         |
| Regional Shopping Center            | 4.14806 / 2.54236  | 27.5250         | 0.1363        | 3.4200e-003   | 31.9490         |
| <b>Total</b>                        |                    | <b>585.8052</b> | <b>3.0183</b> | <b>0.0755</b> | <b>683.7567</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**7.2 Water by Land Use****Mitigated**

|                                     | Indoor/Outdoor Use | Total CO2       | CH4           | N2O           | CO2e            |
|-------------------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use                            | Mgal               | MT/yr           |               |               |                 |
| Apartments Low Rise                 | 1.62885 / 1.02688  | 10.9095         | 0.0535        | 1.3400e-003   | 12.6471         |
| Apartments Mid Rise                 | 63.5252 / 40.0485  | 425.4719        | 2.0867        | 0.0523        | 493.2363        |
| General Office Building             | 7.99802 / 4.90201  | 53.0719         | 0.2627        | 6.5900e-003   | 61.6019         |
| High Turnover (Sit Down Restaurant) | 10.9272 / 0.697482 | 51.2702         | 0.3580        | 8.8200e-003   | 62.8482         |
| Hotel                               | 1.26834 / 0.140927 | 6.1633          | 0.0416        | 1.0300e-003   | 7.5079          |
| Quality Restaurant                  | 2.42827 / 0.154996 | 11.3934         | 0.0796        | 1.9600e-003   | 13.9663         |
| Regional Shopping Center            | 4.14806 / 2.54236  | 27.5250         | 0.1363        | 3.4200e-003   | 31.9490         |
| <b>Total</b>                        |                    | <b>585.8052</b> | <b>3.0183</b> | <b>0.0755</b> | <b>683.7567</b> |

**8.0 Waste Detail****8.1 Mitigation Measures Waste**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**Category/Year**

|             | Total CO2 | CH4     | N2O    | CO2e     |
|-------------|-----------|---------|--------|----------|
|             | MT/yr     |         |        |          |
| Mitigated   | 207.8079  | 12.2811 | 0.0000 | 514.8354 |
| Unmitigated | 207.8079  | 12.2811 | 0.0000 | 514.8354 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**8.2 Waste by Land Use****Unmitigated**

|                                     | Waste Disposed | Total CO2       | CH4            | N2O           | CO2e            |
|-------------------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use                            | tons           | MT/yr           |                |               |                 |
| Apartments Low Rise                 | 11.5           | 2.3344          | 0.1380         | 0.0000        | 5.7834          |
| Apartments Mid Rise                 | 448.5          | 91.0415         | 5.3804         | 0.0000        | 225.5513        |
| General Office Building             | 41.85          | 8.4952          | 0.5021         | 0.0000        | 21.0464         |
| High Turnover (Sit Down Restaurant) | 428.4          | 86.9613         | 5.1393         | 0.0000        | 215.4430        |
| Hotel                               | 27.38          | 5.5579          | 0.3285         | 0.0000        | 13.7694         |
| Quality Restaurant                  | 7.3            | 1.4818          | 0.0876         | 0.0000        | 3.6712          |
| Regional Shopping Center            | 58.8           | 11.9359         | 0.7054         | 0.0000        | 29.5706         |
| <b>Total</b>                        |                | <b>207.8079</b> | <b>12.2811</b> | <b>0.0000</b> | <b>514.8354</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**8.2 Waste by Land Use****Mitigated**

|                                     | Waste Disposed | Total CO2       | CH4            | N2O           | CO2e            |
|-------------------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use                            | tons           | MT/yr           |                |               |                 |
| Apartments Low Rise                 | 11.5           | 2.3344          | 0.1380         | 0.0000        | 5.7834          |
| Apartments Mid Rise                 | 448.5          | 91.0415         | 5.3804         | 0.0000        | 225.5513        |
| General Office Building             | 41.85          | 8.4952          | 0.5021         | 0.0000        | 21.0464         |
| High Turnover (Sit Down Restaurant) | 428.4          | 86.9613         | 5.1393         | 0.0000        | 215.4430        |
| Hotel                               | 27.38          | 5.5579          | 0.3285         | 0.0000        | 13.7694         |
| Quality Restaurant                  | 7.3            | 1.4818          | 0.0876         | 0.0000        | 3.6712          |
| Regional Shopping Center            | 58.8           | 11.9359         | 0.7054         | 0.0000        | 29.5706         |
| <b>Total</b>                        |                | <b>207.8079</b> | <b>12.2811</b> | <b>0.0000</b> | <b>514.8354</b> |

**9.0 Operational Offroad**

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

**10.0 Stationary Equipment****Fire Pumps and Emergency Generators**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

## Village South Specific Plan (Proposed)

### Los Angeles-South Coast County, Summer

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| General Office Building             | 45.00  | 1000sqft      | 1.03        | 45,000.00          | 0          |
| High Turnover (Sit Down Restaurant) | 36.00  | 1000sqft      | 0.83        | 36,000.00          | 0          |
| Hotel                               | 50.00  | Room          | 1.67        | 72,600.00          | 0          |
| Quality Restaurant                  | 8.00   | 1000sqft      | 0.18        | 8,000.00           | 0          |
| Apartments Low Rise                 | 25.00  | Dwelling Unit | 1.56        | 25,000.00          | 72         |
| Apartments Mid Rise                 | 975.00 | Dwelling Unit | 25.66       | 975,000.00         | 2789       |
| Regional Shopping Center            | 56.00  | 1000sqft      | 1.29        | 56,000.00          | 0          |

### 1.2 Other Project Characteristics

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>             | 9                          |                                 |       | <b>Operational Year</b>          | 2028  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 702.44                     | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

| Table Name      | Column Name       | Default Value | New Value |
|-----------------|-------------------|---------------|-----------|
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | NumberWood        | 1.25          | 0.00      |
| tblFireplaces   | NumberWood        | 48.75         | 0.00      |
| tblVehicleTrips | ST_TR             | 7.16          | 6.17      |
| tblVehicleTrips | ST_TR             | 6.39          | 3.87      |
| tblVehicleTrips | ST_TR             | 2.46          | 1.39      |
| tblVehicleTrips | ST_TR             | 158.37        | 79.82     |
| tblVehicleTrips | ST_TR             | 8.19          | 3.75      |
| tblVehicleTrips | ST_TR             | 94.36         | 63.99     |
| tblVehicleTrips | ST_TR             | 49.97         | 10.74     |
| tblVehicleTrips | SU_TR             | 6.07          | 6.16      |
| tblVehicleTrips | SU_TR             | 5.86          | 4.18      |
| tblVehicleTrips | SU_TR             | 1.05          | 0.69      |
| tblVehicleTrips | SU_TR             | 131.84        | 78.27     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

|                 |                    |        |       |
|-----------------|--------------------|--------|-------|
| tblVehicleTrips | SU_TR              | 5.95   | 3.20  |
| tblVehicleTrips | SU_TR              | 72.16  | 57.65 |
| tblVehicleTrips | SU_TR              | 25.24  | 6.39  |
| tblVehicleTrips | WD_TR              | 6.59   | 5.83  |
| tblVehicleTrips | WD_TR              | 6.65   | 4.13  |
| tblVehicleTrips | WD_TR              | 11.03  | 6.41  |
| tblVehicleTrips | WD_TR              | 127.15 | 65.80 |
| tblVehicleTrips | WD_TR              | 8.17   | 3.84  |
| tblVehicleTrips | WD_TR              | 89.95  | 62.64 |
| tblVehicleTrips | WD_TR              | 42.70  | 9.43  |
| tblWoodstoves   | NumberCatalytic    | 1.25   | 0.00  |
| tblWoodstoves   | NumberCatalytic    | 48.75  | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 1.25   | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 48.75  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |

## 2.0 Emissions Summary

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## Village South Specific Plan (Proposed) - Los Angeles-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   |                 |                 |        |        |                 |
| 2021    | 4.2769   | 46.4588 | 31.6840 | 0.0643 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 6,234.797<br>4  | 6,234.797<br>4  | 1.9495 | 0.0000 | 6,283.535<br>2  |
| 2022    | 5.3304   | 38.8967 | 49.5629 | 0.1517 | 9.8688        | 1.6366       | 10.7727    | 3.6558         | 1.5057        | 5.1615      | 0.0000   | 15,251.56<br>74 | 15,251.56<br>74 | 1.9503 | 0.0000 | 15,278.52<br>88 |
| 2023    | 4.8957   | 26.3317 | 46.7567 | 0.1472 | 9.8688        | 0.7794       | 10.6482    | 2.6381         | 0.7322        | 3.3702      | 0.0000   | 14,807.52<br>69 | 14,807.52<br>69 | 1.0250 | 0.0000 | 14,833.15<br>21 |
| 2024    | 237.1630 | 9.5575  | 15.1043 | 0.0244 | 1.7884        | 0.4698       | 1.8628     | 0.4743         | 0.4322        | 0.5476      | 0.0000   | 2,361.398<br>9  | 2,361.398<br>9  | 0.7177 | 0.0000 | 2,379.342<br>1  |
| Maximum | 237.1630 | 46.4588 | 49.5629 | 0.1517 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 15,251.56<br>74 | 15,251.56<br>74 | 1.9503 | 0.0000 | 15,278.52<br>88 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

## 2.1 Overall Construction (Maximum Daily Emission)

### Mitigated Construction

|         | ROG      | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2   | Total CO2   | CH4    | N2O    | CO2e        |
|---------|----------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Year    | lb/day   |         |         |        |               |              |            |                |               |             | lb/day   |             |             |        |        |             |
| 2021    | 4.2769   | 46.4588 | 31.6840 | 0.0643 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 6,234.7974  | 6,234.7974  | 1.9495 | 0.0000 | 6,283.5352  |
| 2022    | 5.3304   | 38.8967 | 49.5629 | 0.1517 | 9.8688        | 1.6366       | 10.7727    | 3.6558         | 1.5057        | 5.1615      | 0.0000   | 15,251.5674 | 15,251.5674 | 1.9503 | 0.0000 | 15,278.5288 |
| 2023    | 4.8957   | 26.3317 | 46.7567 | 0.1472 | 9.8688        | 0.7794       | 10.6482    | 2.6381         | 0.7322        | 3.3702      | 0.0000   | 14,807.5269 | 14,807.5269 | 1.0250 | 0.0000 | 14,833.1520 |
| 2024    | 237.1630 | 9.5575  | 15.1043 | 0.0244 | 1.7884        | 0.4698       | 1.8628     | 0.4743         | 0.4322        | 0.5476      | 0.0000   | 2,361.3989  | 2,361.3989  | 0.7177 | 0.0000 | 2,379.3421  |
| Maximum | 237.1630 | 46.4588 | 49.5629 | 0.1517 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 15,251.5674 | 15,251.5674 | 1.9503 | 0.0000 | 15,278.5288 |

[illegible]

## Village South Specific Plan (Proposed) - Los Angeles-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         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.8489         | 45.4304        | 114.8495        | 0.4917        | 45.9592        | 0.3360        | 46.2951        | 12.2950        | 0.3119        | 12.6070        |               | 50,306.60<br>34         | 50,306.60<br>34         | 2.1807        |               | 50,361.12<br>08         |
| <b>Total</b> | <b>41.1168</b> | <b>67.2262</b> | <b>207.5497</b> | <b>0.6278</b> | <b>45.9592</b> | <b>2.4626</b> | <b>48.4217</b> | <b>12.2950</b> | <b>2.4385</b> | <b>14.7336</b> | <b>0.0000</b> | <b>76,811.18<br/>16</b> | <b>76,811.18<br/>16</b> | <b>2.8282</b> | <b>0.4832</b> | <b>77,025.87<br/>86</b> |

**Mitigated Operational**

|              | ROG            | NOx            | CO              | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2      | NBio- CO2               | Total CO2               | CH4           | N2O           | CO2e                    |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Category     | lb/day         |                |                 |               |                |               |                |                |               |                | lb/day        |                         |                         |               |               |                         |
| Area         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.8489         | 45.4304        | 114.8495        | 0.4917        | 45.9592        | 0.3360        | 46.2951        | 12.2950        | 0.3119        | 12.6070        |               | 50,306.60<br>34         | 50,306.60<br>34         | 2.1807        |               | 50,361.12<br>08         |
| <b>Total</b> | <b>41.1168</b> | <b>67.2262</b> | <b>207.5497</b> | <b>0.6278</b> | <b>45.9592</b> | <b>2.4626</b> | <b>48.4217</b> | <b>12.2950</b> | <b>2.4385</b> | <b>14.7336</b> | <b>0.0000</b> | <b>76,811.18<br/>16</b> | <b>76,811.18<br/>16</b> | <b>2.8282</b> | <b>0.4832</b> | <b>77,025.87<br/>86</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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

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#### Construction Phase

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 9/1/2021   | 10/12/2021 | 5             | 30       |                   |
| 2            | Site Preparation      | Site Preparation      | 10/13/2021 | 11/9/2021  | 5             | 20       |                   |
| 3            | Grading               | Grading               | 11/10/2021 | 1/11/2022  | 5             | 45       |                   |
| 4            | Building Construction | Building Construction | 1/12/2022  | 12/12/2023 | 5             | 500      |                   |
| 5            | Paving                | Paving                | 12/13/2023 | 1/30/2024  | 5             | 35       |                   |
| 6            | Architectural Coating | Architectural Coating | 1/31/2024  | 3/19/2024  | 5             | 35       |                   |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 112.5**

**Acres of Paving: 0**

**Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)**

#### OffRoad Equipment

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

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

Trips and VMT

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 458.00              | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 8                       | 20.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 9                       | 801.00             | 143.00             | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 6                       | 15.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 160.00             | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Hauling      | 0.1273        | 4.0952        | 0.9602        | 0.0119        | 0.2669        | 0.0126        | 0.2795        | 0.0732         | 0.0120        | 0.0852        |          | 1,292.2413        | 1,292.2413        | 0.0877        |     | 1,294.4337        |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000            | 0.0000            | 0.0000        |     | 0.0000            |
| Worker       | 0.0643        | 0.0442        | 0.6042        | 1.7100e-003   | 0.1677        | 1.3500e-003   | 0.1690        | 0.0445         | 1.2500e-003   | 0.0457        |          | 170.8155          | 170.8155          | 5.0300e-003   |     | 170.9413          |
| <b>Total</b> | <b>0.1916</b> | <b>4.1394</b> | <b>1.5644</b> | <b>0.0136</b> | <b>0.4346</b> | <b>0.0139</b> | <b>0.4485</b> | <b>0.1176</b>  | <b>0.0133</b> | <b>0.1309</b> |          | <b>1,463.0568</b> | <b>1,463.0568</b> | <b>0.0927</b> |     | <b>1,465.3750</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        | 0.0000        | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> | <b>0.0000</b> | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Hauling      | 0.1273        | 4.0952        | 0.9602        | 0.0119        | 0.2669        | 0.0126        | 0.2795        | 0.0732         | 0.0120        | 0.0852        |          | 1,292.2413        | 1,292.2413        | 0.0877        |     | 1,294.4337        |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000            | 0.0000            | 0.0000        |     | 0.0000            |
| Worker       | 0.0643        | 0.0442        | 0.6042        | 1.7100e-003   | 0.1677        | 1.3500e-003   | 0.1690        | 0.0445         | 1.2500e-003   | 0.0457        |          | 170.8155          | 170.8155          | 5.0300e-003   |     | 170.9413          |
| <b>Total</b> | <b>0.1916</b> | <b>4.1394</b> | <b>1.5644</b> | <b>0.0136</b> | <b>0.4346</b> | <b>0.0139</b> | <b>0.4485</b> | <b>0.1176</b>  | <b>0.0133</b> | <b>0.1309</b> |          | <b>1,463.0568</b> | <b>1,463.0568</b> | <b>0.0927</b> |     | <b>1,465.3750</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0772        | 0.0530        | 0.7250        | 2.0600e-003        | 0.2012        | 1.6300e-003        | 0.2028        | 0.0534         | 1.5000e-003        | 0.0549        |          | 204.9786        | 204.9786        | 6.0400e-003        |     | 205.1296        |
| <b>Total</b> | <b>0.0772</b> | <b>0.0530</b> | <b>0.7250</b> | <b>2.0600e-003</b> | <b>0.2012</b> | <b>1.6300e-003</b> | <b>0.2028</b> | <b>0.0534</b>  | <b>1.5000e-003</b> | <b>0.0549</b> |          | <b>204.9786</b> | <b>204.9786</b> | <b>6.0400e-003</b> |     | <b>205.1296</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |                |               |                |                |               |                | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         | 0.0000        | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715,4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> | <b>0.0000</b> | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715,4573</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0772        | 0.0530        | 0.7250        | 2.0600e-003        | 0.2012        | 1.6300e-003        | 0.2028        | 0.0534         | 1.5000e-003        | 0.0549        |          | 204.9786        | 204.9786        | 6.0400e-003        |     | 205.1296        |
| <b>Total</b> | <b>0.0772</b> | <b>0.0530</b> | <b>0.7250</b> | <b>2.0600e-003</b> | <b>0.2012</b> | <b>1.6300e-003</b> | <b>0.2028</b> | <b>0.0534</b>  | <b>1.5000e-003</b> | <b>0.0549</b> |          | <b>204.9786</b> | <b>204.9786</b> | <b>6.0400e-003</b> |     | <b>205.1296</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        |          | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> |          | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0857        | 0.0589        | 0.8056        | 2.2900e-003        | 0.2236        | 1.8100e-003        | 0.2254        | 0.0593         | 1.6600e-003        | 0.0610        |          | 227.7540        | 227.7540        | 6.7100e-003        |     | 227.9217        |
| <b>Total</b> | <b>0.0857</b> | <b>0.0589</b> | <b>0.8056</b> | <b>2.2900e-003</b> | <b>0.2236</b> | <b>1.8100e-003</b> | <b>0.2254</b> | <b>0.0593</b>  | <b>1.6600e-003</b> | <b>0.0610</b> |          | <b>227.7540</b> | <b>227.7540</b> | <b>6.7100e-003</b> |     | <b>227.9217</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        | 0.0000        | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> | <b>0.0000</b> | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0857        | 0.0589        | 0.8056        | 2.2900e-003        | 0.2236        | 1.8100e-003        | 0.2254        | 0.0593         | 1.6600e-003        | 0.0610        |          | 227.7540        | 227.7540        | 6.7100e-003        |     | 227.9217        |
| <b>Total</b> | <b>0.0857</b> | <b>0.0589</b> | <b>0.8056</b> | <b>2.2900e-003</b> | <b>0.2236</b> | <b>1.8100e-003</b> | <b>0.2254</b> | <b>0.0593</b>  | <b>1.6600e-003</b> | <b>0.0610</b> |          | <b>227.7540</b> | <b>227.7540</b> | <b>6.7100e-003</b> |     | <b>227.9217</b> |

**3.4 Grading - 2022****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        |          | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> |          | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0803        | 0.0532        | 0.7432        | 2.2100e-003        | 0.2236        | 1.7500e-003        | 0.2253        | 0.0593         | 1.6100e-003        | 0.0609        |          | 219.7425        | 219.7425        | 6.0600e-003        |     | 219.8941        |
| <b>Total</b> | <b>0.0803</b> | <b>0.0532</b> | <b>0.7432</b> | <b>2.2100e-003</b> | <b>0.2236</b> | <b>1.7500e-003</b> | <b>0.2253</b> | <b>0.0593</b>  | <b>1.6100e-003</b> | <b>0.0609</b> |          | <b>219.7425</b> | <b>219.7425</b> | <b>6.0600e-003</b> |     | <b>219.8941</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        | 0.0000        | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> | <b>0.0000</b> | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0803        | 0.0532        | 0.7432        | 2.2100e-003        | 0.2236        | 1.7500e-003        | 0.2253        | 0.0593         | 1.6100e-003        | 0.0609        |          | 219.7425        | 219.7425        | 6.0600e-003        |     | 219.8941        |
| <b>Total</b> | <b>0.0803</b> | <b>0.0532</b> | <b>0.7432</b> | <b>2.2100e-003</b> | <b>0.2236</b> | <b>1.7500e-003</b> | <b>0.2253</b> | <b>0.0593</b>  | <b>1.6100e-003</b> | <b>0.0609</b> |          | <b>219.7425</b> | <b>219.7425</b> | <b>6.0600e-003</b> |     | <b>219.8941</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2               | Total CO2               | CH4           | N2O | CO2e                    |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------------|-------------------------|---------------|-----|-------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                         |                         |               |     |                         |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                  | 0.0000                  | 0.0000        |     | 0.0000                  |
| Vendor       | 0.4079        | 13.2032        | 3.4341         | 0.0364        | 0.9155        | 0.0248        | 0.9404        | 0.2636         | 0.0237        | 0.2873        |          | 3,896.548<br>2          | 3,896.548<br>2          | 0.2236        |     | 3,902.138<br>4          |
| Worker       | 3.2162        | 2.1318         | 29.7654        | 0.0883        | 8.9533        | 0.0701        | 9.0234        | 2.3745         | 0.0646        | 2.4390        |          | 8,800.685<br>7          | 8,800.685<br>7          | 0.2429        |     | 8,806.758<br>2          |
| <b>Total</b> | <b>3.6242</b> | <b>15.3350</b> | <b>33.1995</b> | <b>0.1247</b> | <b>9.8688</b> | <b>0.0949</b> | <b>9.9637</b> | <b>2.6381</b>  | <b>0.0883</b> | <b>2.7263</b> |          | <b>12,697.23<br/>39</b> | <b>12,697.23<br/>39</b> | <b>0.4665</b> |     | <b>12,708.89<br/>66</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 1.7062        | 15.6156        | 16.3634        | 0.0269        |               | 0.8090        | 0.8090        |                | 0.7612        | 0.7612        | 0.0000        | 2,554.333<br>6         | 2,554.333<br>6         | 0.6120        |     | 2,569.632<br>2         |
| <b>Total</b> | <b>1.7062</b> | <b>15.6156</b> | <b>16.3634</b> | <b>0.0269</b> |               | <b>0.8090</b> | <b>0.8090</b> |                | <b>0.7612</b> | <b>0.7612</b> | <b>0.0000</b> | <b>2,554.333<br/>6</b> | <b>2,554.333<br/>6</b> | <b>0.6120</b> |     | <b>2,569.632<br/>2</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2               | Total CO2               | CH4           | N2O | CO2e                    |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------------|-------------------------|---------------|-----|-------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                         |                         |               |     |                         |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                  | 0.0000                  | 0.0000        |     | 0.0000                  |
| Vendor       | 0.4079        | 13.2032        | 3.4341         | 0.0364        | 0.9155        | 0.0248        | 0.9404        | 0.2636         | 0.0237        | 0.2873        |          | 3,896.548<br>2          | 3,896.548<br>2          | 0.2236        |     | 3,902.138<br>4          |
| Worker       | 3.2162        | 2.1318         | 29.7654        | 0.0883        | 8.9533        | 0.0701        | 9.0234        | 2.3745         | 0.0646        | 2.4390        |          | 8,800.685<br>7          | 8,800.685<br>7          | 0.2429        |     | 8,806.758<br>2          |
| <b>Total</b> | <b>3.6242</b> | <b>15.3350</b> | <b>33.1995</b> | <b>0.1247</b> | <b>9.8688</b> | <b>0.0949</b> | <b>9.9637</b> | <b>2.6381</b>  | <b>0.0883</b> | <b>2.7263</b> |          | <b>12,697.23<br/>39</b> | <b>12,697.23<br/>39</b> | <b>0.4665</b> |     | <b>12,708.89<br/>66</b> |

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

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 1.5728        | 14.3849        | 16.2440        | 0.0269        |               | 0.6997        | 0.6997        |                | 0.6584        | 0.6584        |          | 2,555.209<br>9         | 2,555.209<br>9         | 0.6079        |     | 2,570.406<br>1         |
| <b>Total</b> | <b>1.5728</b> | <b>14.3849</b> | <b>16.2440</b> | <b>0.0269</b> |               | <b>0.6997</b> | <b>0.6997</b> |                | <b>0.6584</b> | <b>0.6584</b> |          | <b>2,555.209<br/>9</b> | <b>2,555.209<br/>9</b> | <b>0.6079</b> |     | <b>2,570.406<br/>1</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2023****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       | 0.3027        | 10.0181        | 3.1014         | 0.0352        | 0.9156        | 0.0116        | 0.9271        | 0.2636         | 0.0111        | 0.2747        |          | 3,773.876<br>2          | 3,773.876<br>2          | 0.1982        |     | 3,778.830<br>0          |
| Worker       | 3.0203        | 1.9287         | 27.4113        | 0.0851        | 8.9533        | 0.0681        | 9.0214        | 2.3745         | 0.0627        | 2.4372        |          | 8,478.440<br>8          | 8,478.440<br>8          | 0.2190        |     | 8,483.916<br>0          |
| <b>Total</b> | <b>3.3229</b> | <b>11.9468</b> | <b>30.5127</b> | <b>0.1203</b> | <b>9.8688</b> | <b>0.0797</b> | <b>9.9485</b> | <b>2.6381</b>  | <b>0.0738</b> | <b>2.7118</b> |          | <b>12,252.31<br/>70</b> | <b>12,252.31<br/>70</b> | <b>0.4172</b> |     | <b>12,262.74<br/>60</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 1.5728        | 14.3849        | 16.2440        | 0.0269        |               | 0.6997        | 0.6997        |                | 0.6584        | 0.6584        | 0.0000        | 2,555.209<br>9         | 2,555.209<br>9         | 0.6079        |     | 2,570.406<br>1         |
| <b>Total</b> | <b>1.5728</b> | <b>14.3849</b> | <b>16.2440</b> | <b>0.0269</b> |               | <b>0.6997</b> | <b>0.6997</b> |                | <b>0.6584</b> | <b>0.6584</b> | <b>0.0000</b> | <b>2,555.209<br/>9</b> | <b>2,555.209<br/>9</b> | <b>0.6079</b> |     | <b>2,570.406<br/>1</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2023****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       | 0.3027        | 10.0181        | 3.1014         | 0.0352        | 0.9156        | 0.0116        | 0.9271        | 0.2636         | 0.0111        | 0.2747        |          | 3,773.876<br>2          | 3,773.876<br>2          | 0.1982        |     | 3,778.830<br>0          |
| Worker       | 3.0203        | 1.9287         | 27.4113        | 0.0851        | 8.9533        | 0.0681        | 9.0214        | 2.3745         | 0.0627        | 2.4372        |          | 8,478.440<br>8          | 8,478.440<br>8          | 0.2190        |     | 8,483.916<br>0          |
| <b>Total</b> | <b>3.3229</b> | <b>11.9468</b> | <b>30.5127</b> | <b>0.1203</b> | <b>9.8688</b> | <b>0.0797</b> | <b>9.9485</b> | <b>2.6381</b>  | <b>0.0738</b> | <b>2.7118</b> |          | <b>12,252.31<br/>70</b> | <b>12,252.31<br/>70</b> | <b>0.4172</b> |     | <b>12,262.74<br/>60</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2023****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       | 0.0566        | 0.0361        | 0.5133        | 1.5900e-003        | 0.1677        | 1.2800e-003        | 0.1689        | 0.0445         | 1.1700e-003        | 0.0456        |          | 158.7723        | 158.7723        | 4.1000e-003        |     | 158.8748        |
| <b>Total</b> | <b>0.0566</b> | <b>0.0361</b> | <b>0.5133</b> | <b>1.5900e-003</b> | <b>0.1677</b> | <b>1.2800e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1700e-003</b> | <b>0.0456</b> |          | <b>158.7723</b> | <b>158.7723</b> | <b>4.1000e-003</b> |     | <b>158.8748</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2023****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       | 0.0566        | 0.0361        | 0.5133        | 1.5900e-003        | 0.1677        | 1.2800e-003        | 0.1689        | 0.0445         | 1.1700e-003        | 0.0456        |          | 158.7723        | 158.7723        | 4.1000e-003        |     | 158.8748        |
| <b>Total</b> | <b>0.0566</b> | <b>0.0361</b> | <b>0.5133</b> | <b>1.5900e-003</b> | <b>0.1677</b> | <b>1.2800e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1700e-003</b> | <b>0.0456</b> |          | <b>158.7723</b> | <b>158.7723</b> | <b>4.1000e-003</b> |     | <b>158.8748</b> |

**3.6 Paving - 2024****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        |          | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> |          | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2024****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       | 0.0535        | 0.0329        | 0.4785        | 1.5400e-003        | 0.1677        | 1.2600e-003        | 0.1689        | 0.0445         | 1.1600e-003        | 0.0456        |          | 153.8517        | 153.8517        | 3.7600e-003        |     | 153.9458        |
| <b>Total</b> | <b>0.0535</b> | <b>0.0329</b> | <b>0.4785</b> | <b>1.5400e-003</b> | <b>0.1677</b> | <b>1.2600e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1600e-003</b> | <b>0.0456</b> |          | <b>153.8517</b> | <b>153.8517</b> | <b>3.7600e-003</b> |     | <b>153.9458</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        | 0.0000        | 2,207.5472        | 2,207.5472        | 0.7140        |     | 2,225.3963        |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> | <b>0.0000</b> | <b>2,207.5472</b> | <b>2,207.5472</b> | <b>0.7140</b> |     | <b>2,225.3963</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2024****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       | 0.0535        | 0.0329        | 0.4785        | 1.5400e-003        | 0.1677        | 1.2600e-003        | 0.1689        | 0.0445         | 1.1600e-003        | 0.0456        |          | 153.8517        | 153.8517        | 3.7600e-003        |     | 153.9458        |
| <b>Total</b> | <b>0.0535</b> | <b>0.0329</b> | <b>0.4785</b> | <b>1.5400e-003</b> | <b>0.1677</b> | <b>1.2600e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1600e-003</b> | <b>0.0456</b> |          | <b>153.8517</b> | <b>153.8517</b> | <b>3.7600e-003</b> |     | <b>153.9458</b> |

**3.7 Architectural Coating - 2024****Unmitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        |          | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2024****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       | 0.5707        | 0.3513        | 5.1044        | 0.0165        | 1.7884        | 0.0134        | 1.8018        | 0.4743         | 0.0123        | 0.4866        |          | 1,641.085<br>2         | 1,641.085<br>2         | 0.0401        |     | 1,642.088<br>6         |
| <b>Total</b> | <b>0.5707</b> | <b>0.3513</b> | <b>5.1044</b> | <b>0.0165</b> | <b>1.7884</b> | <b>0.0134</b> | <b>1.8018</b> | <b>0.4743</b>  | <b>0.0123</b> | <b>0.4866</b> |          | <b>1,641.085<br/>2</b> | <b>1,641.085<br/>2</b> | <b>0.0401</b> |     | <b>1,642.088<br/>6</b> |

**Mitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        | 0.0000        | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2024****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       | 0.5707        | 0.3513        | 5.1044        | 0.0165        | 1.7884        | 0.0134        | 1.8018        | 0.4743         | 0.0123        | 0.4866        |          | 1,641.085<br>2         | 1,641.085<br>2         | 0.0401        |     | 1,642.088<br>6         |
| <b>Total</b> | <b>0.5707</b> | <b>0.3513</b> | <b>5.1044</b> | <b>0.0165</b> | <b>1.7884</b> | <b>0.0134</b> | <b>1.8018</b> | <b>0.4743</b>  | <b>0.0123</b> | <b>0.4866</b> |          | <b>1,641.085<br/>2</b> | <b>1,641.085<br/>2</b> | <b>0.0401</b> |     | <b>1,642.088<br/>6</b> |

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

## Village South Specific Plan (Proposed) - Los Angeles-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   | 9.8489 | 45.4304 | 114.8495 | 0.4917 | 45.9592       | 0.3360       | 46.2951    | 12.2950        | 0.3119        | 12.6070     |          | 50,306.6034 | 50,306.6034 | 2.1807 |     | 50,361.1208 |
| Unmitigated | 9.8489 | 45.4304 | 114.8495 | 0.4917 | 45.9592       | 0.3360       | 46.2951    | 12.2950        | 0.3119        | 12.6070     |          | 50,306.6034 | 50,306.6034 | 2.1807 |     | 50,361.1208 |

## 4.2 Trip Summary Information

| Land Use                            | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
|                                     | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments Low Rise                 | 145.75                  | 154.25   | 154.00   | 506,227     | 506,227    |
| Apartments Mid Rise                 | 4,026.75                | 3,773.25 | 4,075.50 | 13,660,065  | 13,660,065 |
| General Office Building             | 288.45                  | 62.55    | 31.05    | 706,812     | 706,812    |
| High Turnover (Sit Down Restaurant) | 2,368.80                | 2,873.52 | 2,817.72 | 3,413,937   | 3,413,937  |
| Hotel                               | 192.00                  | 187.50   | 160.00   | 445,703     | 445,703    |
| Quality Restaurant                  | 501.12                  | 511.92   | 461.20   | 707,488     | 707,488    |
| Regional Shopping Center            | 528.08                  | 601.44   | 357.84   | 1,112,221   | 1,112,221  |
| Total                               | 8,050.95                | 8,164.43 | 8,057.31 | 20,552,452  | 20,552,452 |

## 4.3 Trip Type Information

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

| Land Use                 | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|--------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
|                          | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary        | Diverted | Pass-by |
| Apartments Low Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Apartments Mid Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| General Office Building  | 16.60      | 8.40       | 6.90        | 33.00      | 48.00      | 19.00       | 77             | 19       | 4       |
| High Turnover (Sit Down  | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Hotel                    | 16.60      | 8.40       | 6.90        | 19.40      | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant       | 16.60      | 8.40       | 6.90        | 12.00      | 69.00      | 19.00       | 38             | 18       | 44      |
| Regional Shopping Center | 16.60      | 8.40       | 6.90        | 16.30      | 64.70      | 19.00       | 54             | 35       | 11      |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Apartments Mid Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| General Office Building             | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| High Turnover (Sit Down Restaurant) | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Hotel                               | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Quality Restaurant                  | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Regional Shopping Center            | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |

## 5.0 Energy Detail

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Historical Energy Use: N

## 5.1 Mitigation Measures Energy

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## Village South Specific Plan (Proposed) - Los Angeles-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   |                |                |        |        |                |
| NaturalGas Mitigated   | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |
| NaturalGas Unmitigated | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |

## Village South Specific Plan (Proposed) - Los Angeles-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   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1119.16        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35784.3        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1283.42        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22759.9        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4769.72        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5057.75        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 251.616        | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1.11916        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35.7843        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1.28342        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22.7599        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4.76972        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5.05775        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 0.251616       | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## Village South Specific Plan (Proposed) - Los Angeles-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   | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |
| Unmitigated | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|-----------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day        |                    |                    |               |               |                    |
| Architectural Coating | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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 | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

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

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

**10.0 Stationary Equipment**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

## Village South Specific Plan (Proposed)

### Los Angeles-South Coast County, Winter

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| General Office Building             | 45.00  | 1000sqft      | 1.03        | 45,000.00          | 0          |
| High Turnover (Sit Down Restaurant) | 36.00  | 1000sqft      | 0.83        | 36,000.00          | 0          |
| Hotel                               | 50.00  | Room          | 1.67        | 72,600.00          | 0          |
| Quality Restaurant                  | 8.00   | 1000sqft      | 0.18        | 8,000.00           | 0          |
| Apartments Low Rise                 | 25.00  | Dwelling Unit | 1.56        | 25,000.00          | 72         |
| Apartments Mid Rise                 | 975.00 | Dwelling Unit | 25.66       | 975,000.00         | 2789       |
| Regional Shopping Center            | 56.00  | 1000sqft      | 1.29        | 56,000.00          | 0          |

### 1.2 Other Project Characteristics

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>             | 9                          |                                 |       | <b>Operational Year</b>          | 2028  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 702.44                     | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

| Table Name      | Column Name       | Default Value | New Value |
|-----------------|-------------------|---------------|-----------|
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | NumberWood        | 1.25          | 0.00      |
| tblFireplaces   | NumberWood        | 48.75         | 0.00      |
| tblVehicleTrips | ST_TR             | 7.16          | 6.17      |
| tblVehicleTrips | ST_TR             | 6.39          | 3.87      |
| tblVehicleTrips | ST_TR             | 2.46          | 1.39      |
| tblVehicleTrips | ST_TR             | 158.37        | 79.82     |
| tblVehicleTrips | ST_TR             | 8.19          | 3.75      |
| tblVehicleTrips | ST_TR             | 94.36         | 63.99     |
| tblVehicleTrips | ST_TR             | 49.97         | 10.74     |
| tblVehicleTrips | SU_TR             | 6.07          | 6.16      |
| tblVehicleTrips | SU_TR             | 5.86          | 4.18      |
| tblVehicleTrips | SU_TR             | 1.05          | 0.69      |
| tblVehicleTrips | SU_TR             | 131.84        | 78.27     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

|                 |                    |        |       |
|-----------------|--------------------|--------|-------|
| tblVehicleTrips | SU_TR              | 5.95   | 3.20  |
| tblVehicleTrips | SU_TR              | 72.16  | 57.65 |
| tblVehicleTrips | SU_TR              | 25.24  | 6.39  |
| tblVehicleTrips | WD_TR              | 6.59   | 5.83  |
| tblVehicleTrips | WD_TR              | 6.65   | 4.13  |
| tblVehicleTrips | WD_TR              | 11.03  | 6.41  |
| tblVehicleTrips | WD_TR              | 127.15 | 65.80 |
| tblVehicleTrips | WD_TR              | 8.17   | 3.84  |
| tblVehicleTrips | WD_TR              | 89.95  | 62.64 |
| tblVehicleTrips | WD_TR              | 42.70  | 9.43  |
| tblWoodstoves   | NumberCatalytic    | 1.25   | 0.00  |
| tblWoodstoves   | NumberCatalytic    | 48.75  | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 1.25   | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 48.75  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |

## 2.0 Emissions Summary

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## Village South Specific Plan (Proposed) - Los Angeles-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   |             |             |        |        |             |
| 2021    | 4.2865   | 46.4651 | 31.6150 | 0.0642 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 6,221.4937  | 6,221.4937  | 1.9491 | 0.0000 | 6,270.2214  |
| 2022    | 5.7218   | 38.9024 | 47.3319 | 0.1455 | 9.8688        | 1.6366       | 10.7736    | 3.6558         | 1.5057        | 5.1615      | 0.0000   | 14,630.3099 | 14,630.3099 | 1.9499 | 0.0000 | 14,657.2663 |
| 2023    | 5.2705   | 26.4914 | 44.5936 | 0.1413 | 9.8688        | 0.7800       | 10.6488    | 2.6381         | 0.7328        | 3.3708      | 0.0000   | 14,210.3424 | 14,210.3424 | 1.0230 | 0.0000 | 14,235.9160 |
| 2024    | 237.2328 | 9.5610  | 15.0611 | 0.0243 | 1.7884        | 0.4698       | 1.8628     | 0.4743         | 0.4322        | 0.5476      | 0.0000   | 2,352.4178  | 2,352.4178  | 0.7175 | 0.0000 | 2,370.3550  |
| Maximum | 237.2328 | 46.4651 | 47.3319 | 0.1455 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 14,630.3099 | 14,630.3099 | 1.9499 | 0.0000 | 14,657.2663 |

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

## 2.1 Overall Construction (Maximum Daily Emission)

### Mitigated Construction

|         | ROG      | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2   | Total CO2   | CH4    | N2O    | CO2e        |
|---------|----------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Year    | lb/day   |         |         |        |               |              |            |                |               |             | lb/day   |             |             |        |        |             |
| 2021    | 4.2865   | 46.4651 | 31.6150 | 0.0642 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 6,221.4937  | 6,221.4937  | 1.9491 | 0.0000 | 6,270.2214  |
| 2022    | 5.7218   | 38.9024 | 47.3319 | 0.1455 | 9.8688        | 1.6366       | 10.7736    | 3.6558         | 1.5057        | 5.1615      | 0.0000   | 14,630.3099 | 14,630.3099 | 1.9499 | 0.0000 | 14,657.2663 |
| 2023    | 5.2705   | 26.4914 | 44.5936 | 0.1413 | 9.8688        | 0.7800       | 10.6488    | 2.6381         | 0.7328        | 3.3708      | 0.0000   | 14,210.3424 | 14,210.3424 | 1.0230 | 0.0000 | 14,235.9160 |
| 2024    | 237.2328 | 9.5610  | 15.0611 | 0.0243 | 1.7884        | 0.4698       | 1.8628     | 0.4743         | 0.4322        | 0.5476      | 0.0000   | 2,352.4178  | 2,352.4178  | 0.7175 | 0.0000 | 2,370.3550  |
| Maximum | 237.2328 | 46.4651 | 47.3319 | 0.1455 | 18.2675       | 2.0461       | 20.3135    | 9.9840         | 1.8824        | 11.8664     | 0.0000   | 14,630.3099 | 14,630.3099 | 1.9499 | 0.0000 | 14,657.2663 |

[illegible]

## Village South Specific Plan (Proposed) - Los Angeles-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         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.5233         | 45.9914        | 110.0422        | 0.4681        | 45.9592        | 0.3373        | 46.2965        | 12.2950        | 0.3132        | 12.6083        |               | 47,917.80<br>05         | 47,917.80<br>05         | 2.1953        |               | 47,972.68<br>39         |
| <b>Total</b> | <b>40.7912</b> | <b>67.7872</b> | <b>202.7424</b> | <b>0.6043</b> | <b>45.9592</b> | <b>2.4640</b> | <b>48.4231</b> | <b>12.2950</b> | <b>2.4399</b> | <b>14.7349</b> | <b>0.0000</b> | <b>74,422.37<br/>87</b> | <b>74,422.37<br/>87</b> | <b>2.8429</b> | <b>0.4832</b> | <b>74,637.44<br/>17</b> |

**Mitigated Operational**

|              | ROG            | NOx            | CO              | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2      | NBio- CO2               | Total CO2               | CH4           | N2O           | CO2e                    |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Category     | lb/day         |                |                 |               |                |               |                |                |               |                | lb/day        |                         |                         |               |               |                         |
| Area         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.5233         | 45.9914        | 110.0422        | 0.4681        | 45.9592        | 0.3373        | 46.2965        | 12.2950        | 0.3132        | 12.6083        |               | 47,917.80<br>05         | 47,917.80<br>05         | 2.1953        |               | 47,972.68<br>39         |
| <b>Total</b> | <b>40.7912</b> | <b>67.7872</b> | <b>202.7424</b> | <b>0.6043</b> | <b>45.9592</b> | <b>2.4640</b> | <b>48.4231</b> | <b>12.2950</b> | <b>2.4399</b> | <b>14.7349</b> | <b>0.0000</b> | <b>74,422.37<br/>87</b> | <b>74,422.37<br/>87</b> | <b>2.8429</b> | <b>0.4832</b> | <b>74,637.44<br/>17</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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

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#### Construction Phase

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 9/1/2021   | 10/12/2021 | 5             | 30       |                   |
| 2            | Site Preparation      | Site Preparation      | 10/13/2021 | 11/9/2021  | 5             | 20       |                   |
| 3            | Grading               | Grading               | 11/10/2021 | 1/11/2022  | 5             | 45       |                   |
| 4            | Building Construction | Building Construction | 1/12/2022  | 12/12/2023 | 5             | 500      |                   |
| 5            | Paving                | Paving                | 12/13/2023 | 1/30/2024  | 5             | 35       |                   |
| 6            | Architectural Coating | Architectural Coating | 1/31/2024  | 3/19/2024  | 5             | 35       |                   |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 112.5**

**Acres of Paving: 0**

**Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)**

#### OffRoad Equipment

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

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

Trips and VMT

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 458.00              | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 8                       | 20.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 9                       | 801.00             | 143.00             | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 6                       | 15.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 160.00             | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.1304        | 4.1454        | 1.0182        | 0.0117        | 0.2669        | 0.0128        | 0.2797        | 0.0732         | 0.0122        | 0.0854        |          | 1,269.855<br>5         | 1,269.855<br>5         | 0.0908        |     | 1,272.125<br>2         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Worker       | 0.0715        | 0.0489        | 0.5524        | 1.6100e-003   | 0.1677        | 1.3500e-003   | 0.1690        | 0.0445         | 1.2500e-003   | 0.0457        |          | 160.8377               | 160.8377               | 4.7300e-003   |     | 160.9560               |
| <b>Total</b> | <b>0.2019</b> | <b>4.1943</b> | <b>1.5706</b> | <b>0.0133</b> | <b>0.4346</b> | <b>0.0141</b> | <b>0.4487</b> | <b>0.1176</b>  | <b>0.0135</b> | <b>0.1311</b> |          | <b>1,430.693<br/>2</b> | <b>1,430.693<br/>2</b> | <b>0.0955</b> |     | <b>1,433.081<br/>2</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        | 0.0000        | 3,747.944<br>9         | 3,747.944<br>9         | 1.0549        |     | 3,774.317<br>4         |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> | <b>0.0000</b> | <b>3,747.944<br/>9</b> | <b>3,747.944<br/>9</b> | <b>1.0549</b> |     | <b>3,774.317<br/>4</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.1304        | 4.1454        | 1.0182        | 0.0117        | 0.2669        | 0.0128        | 0.2797        | 0.0732         | 0.0122        | 0.0854        |          | 1,269.855<br>5         | 1,269.855<br>5         | 0.0908        |     | 1,272.125<br>2         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Worker       | 0.0715        | 0.0489        | 0.5524        | 1.6100e-003   | 0.1677        | 1.3500e-003   | 0.1690        | 0.0445         | 1.2500e-003   | 0.0457        |          | 160.8377               | 160.8377               | 4.7300e-003   |     | 160.9560               |
| <b>Total</b> | <b>0.2019</b> | <b>4.1943</b> | <b>1.5706</b> | <b>0.0133</b> | <b>0.4346</b> | <b>0.0141</b> | <b>0.4487</b> | <b>0.1176</b>  | <b>0.0135</b> | <b>0.1311</b> |          | <b>1,430.693<br/>2</b> | <b>1,430.693<br/>2</b> | <b>0.0955</b> |     | <b>1,433.081<br/>2</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |                |               |                |                |               |                | lb/day   |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.656<br>9         | 3,685.656<br>9         | 1.1920        |     | 3,715.457<br>3         |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.656<br/>9</b> | <b>3,685.656<br/>9</b> | <b>1.1920</b> |     | <b>3,715.457<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0858        | 0.0587        | 0.6629        | 1.9400e-003        | 0.2012        | 1.6300e-003        | 0.2028        | 0.0534         | 1.5000e-003        | 0.0549        |          | 193.0052        | 193.0052        | 5.6800e-003        |     | 193.1472        |
| <b>Total</b> | <b>0.0858</b> | <b>0.0587</b> | <b>0.6629</b> | <b>1.9400e-003</b> | <b>0.2012</b> | <b>1.6300e-003</b> | <b>0.2028</b> | <b>0.0534</b>  | <b>1.5000e-003</b> | <b>0.0549</b> |          | <b>193.0052</b> | <b>193.0052</b> | <b>5.6800e-003</b> |     | <b>193.1472</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |                |               |                |                |               |                | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         | 0.0000        | 3,685.6569        | 3,685.6569        | 1.1920        |     | 3,715,4573        |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> | <b>0.0000</b> | <b>3,685.6569</b> | <b>3,685.6569</b> | <b>1.1920</b> |     | <b>3,715,4573</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0858        | 0.0587        | 0.6629        | 1.9400e-003        | 0.2012        | 1.6300e-003        | 0.2028        | 0.0534         | 1.5000e-003        | 0.0549        |          | 193.0052        | 193.0052        | 5.6800e-003        |     | 193.1472        |
| <b>Total</b> | <b>0.0858</b> | <b>0.0587</b> | <b>0.6629</b> | <b>1.9400e-003</b> | <b>0.2012</b> | <b>1.6300e-003</b> | <b>0.2028</b> | <b>0.0534</b>  | <b>1.5000e-003</b> | <b>0.0549</b> |          | <b>193.0052</b> | <b>193.0052</b> | <b>5.6800e-003</b> |     | <b>193.1472</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        |          | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> |          | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0954        | 0.0652        | 0.7365        | 2.1500e-003        | 0.2236        | 1.8100e-003        | 0.2254        | 0.0593         | 1.6600e-003        | 0.0610        |          | 214.4502        | 214.4502        | 6.3100e-003        |     | 214.6080        |
| <b>Total</b> | <b>0.0954</b> | <b>0.0652</b> | <b>0.7365</b> | <b>2.1500e-003</b> | <b>0.2236</b> | <b>1.8100e-003</b> | <b>0.2254</b> | <b>0.0593</b>  | <b>1.6600e-003</b> | <b>0.0610</b> |          | <b>214.4502</b> | <b>214.4502</b> | <b>6.3100e-003</b> |     | <b>214.6080</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        | 0.0000        | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> | <b>0.0000</b> | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0954        | 0.0652        | 0.7365        | 2.1500e-003        | 0.2236        | 1.8100e-003        | 0.2254        | 0.0593         | 1.6600e-003        | 0.0610        |          | 214.4502        | 214.4502        | 6.3100e-003        |     | 214.6080        |
| <b>Total</b> | <b>0.0954</b> | <b>0.0652</b> | <b>0.7365</b> | <b>2.1500e-003</b> | <b>0.2236</b> | <b>1.8100e-003</b> | <b>0.2254</b> | <b>0.0593</b>  | <b>1.6600e-003</b> | <b>0.0610</b> |          | <b>214.4502</b> | <b>214.4502</b> | <b>6.3100e-003</b> |     | <b>214.6080</b> |

**3.4 Grading - 2022****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        |          | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> |          | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0896        | 0.0589        | 0.6784        | 2.0800e-003        | 0.2236        | 1.7500e-003        | 0.2253        | 0.0593         | 1.6100e-003        | 0.0609        |          | 206.9139        | 206.9139        | 5.7000e-003        |     | 207.0563        |
| <b>Total</b> | <b>0.0896</b> | <b>0.0589</b> | <b>0.6784</b> | <b>2.0800e-003</b> | <b>0.2236</b> | <b>1.7500e-003</b> | <b>0.2253</b> | <b>0.0593</b>  | <b>1.6100e-003</b> | <b>0.0609</b> |          | <b>206.9139</b> | <b>206.9139</b> | <b>5.7000e-003</b> |     | <b>207.0563</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        | 0.0000        | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> | <b>0.0000</b> | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0896        | 0.0589        | 0.6784        | 2.0800e-003        | 0.2236        | 1.7500e-003        | 0.2253        | 0.0593         | 1.6100e-003        | 0.0609        |          | 206.9139        | 206.9139        | 5.7000e-003        |     | 207.0563        |
| <b>Total</b> | <b>0.0896</b> | <b>0.0589</b> | <b>0.6784</b> | <b>2.0800e-003</b> | <b>0.2236</b> | <b>1.7500e-003</b> | <b>0.2253</b> | <b>0.0593</b>  | <b>1.6100e-003</b> | <b>0.0609</b> |          | <b>206.9139</b> | <b>206.9139</b> | <b>5.7000e-003</b> |     | <b>207.0563</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2          | Total CO2          | CH4           | N2O | CO2e               |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|-----|--------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |     |                    |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000             | 0.0000             | 0.0000        |     | 0.0000             |
| Vendor       | 0.4284        | 13.1673        | 3.8005         | 0.0354        | 0.9155        | 0.0256        | 0.9412        | 0.2636         | 0.0245        | 0.2881        |          | 3,789.0750         | 3,789.0750         | 0.2381        |     | 3,795.0283         |
| Worker       | 3.5872        | 2.3593         | 27.1680        | 0.0832        | 8.9533        | 0.0701        | 9.0234        | 2.3745         | 0.0646        | 2.4390        |          | 8,286.9013         | 8,286.9013         | 0.2282        |     | 8,292.6058         |
| <b>Total</b> | <b>4.0156</b> | <b>15.5266</b> | <b>30.9685</b> | <b>0.1186</b> | <b>9.8688</b> | <b>0.0957</b> | <b>9.9645</b> | <b>2.6381</b>  | <b>0.0891</b> | <b>2.7271</b> |          | <b>12,075.9763</b> | <b>12,075.9763</b> | <b>0.4663</b> |     | <b>12,087.6341</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2               | Total CO2               | CH4           | N2O | CO2e                    |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------------|-------------------------|---------------|-----|-------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                         |                         |               |     |                         |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                  | 0.0000                  | 0.0000        |     | 0.0000                  |
| Vendor       | 0.4284        | 13.1673        | 3.8005         | 0.0354        | 0.9155        | 0.0256        | 0.9412        | 0.2636         | 0.0245        | 0.2881        |          | 3,789.075<br>0          | 3,789.075<br>0          | 0.2381        |     | 3,795.028<br>3          |
| Worker       | 3.5872        | 2.3593         | 27.1680        | 0.0832        | 8.9533        | 0.0701        | 9.0234        | 2.3745         | 0.0646        | 2.4390        |          | 8,286.901<br>3          | 8,286.901<br>3          | 0.2282        |     | 8,292.605<br>8          |
| <b>Total</b> | <b>4.0156</b> | <b>15.5266</b> | <b>30.9685</b> | <b>0.1186</b> | <b>9.8688</b> | <b>0.0957</b> | <b>9.9645</b> | <b>2.6381</b>  | <b>0.0891</b> | <b>2.7271</b> |          | <b>12,075.97<br/>63</b> | <b>12,075.97<br/>63</b> | <b>0.4663</b> |     | <b>12,087.63<br/>41</b> |

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

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 1.5728        | 14.3849        | 16.2440        | 0.0269        |               | 0.6997        | 0.6997        |                | 0.6584        | 0.6584        |          | 2,555.209<br>9         | 2,555.209<br>9         | 0.6079        |     | 2,570.406<br>1         |
| <b>Total</b> | <b>1.5728</b> | <b>14.3849</b> | <b>16.2440</b> | <b>0.0269</b> |               | <b>0.6997</b> | <b>0.6997</b> |                | <b>0.6584</b> | <b>0.6584</b> |          | <b>2,555.209<br/>9</b> | <b>2,555.209<br/>9</b> | <b>0.6079</b> |     | <b>2,570.406<br/>1</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2023****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       | 0.3183        | 9.9726         | 3.3771         | 0.0343        | 0.9156        | 0.0122        | 0.9277        | 0.2636         | 0.0116        | 0.2752        |          | 3,671.4007         | 3,671.4007         | 0.2096        |     | 3,676.6417         |
| Worker       | 3.3795        | 2.1338         | 24.9725        | 0.0801        | 8.9533        | 0.0681        | 9.0214        | 2.3745         | 0.0627        | 2.4372        |          | 7,983.7318         | 7,983.7318         | 0.2055        |     | 7,988.8683         |
| <b>Total</b> | <b>3.6978</b> | <b>12.1065</b> | <b>28.3496</b> | <b>0.1144</b> | <b>9.8688</b> | <b>0.0803</b> | <b>9.9491</b> | <b>2.6381</b>  | <b>0.0743</b> | <b>2.7124</b> |          | <b>11,655.1325</b> | <b>11,655.1325</b> | <b>0.4151</b> |     | <b>11,665.5099</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2023****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       | 0.3183        | 9.9726         | 3.3771         | 0.0343        | 0.9156        | 0.0122        | 0.9277        | 0.2636         | 0.0116        | 0.2752        |          | 3,671.4007         | 3,671.4007         | 0.2096        |     | 3,676.6417         |
| Worker       | 3.3795        | 2.1338         | 24.9725        | 0.0801        | 8.9533        | 0.0681        | 9.0214        | 2.3745         | 0.0627        | 2.4372        |          | 7,983.7318         | 7,983.7318         | 0.2055        |     | 7,988.8683         |
| <b>Total</b> | <b>3.6978</b> | <b>12.1065</b> | <b>28.3496</b> | <b>0.1144</b> | <b>9.8688</b> | <b>0.0803</b> | <b>9.9491</b> | <b>2.6381</b>  | <b>0.0743</b> | <b>2.7124</b> |          | <b>11,655.1325</b> | <b>11,655.1325</b> | <b>0.4151</b> |     | <b>11,665.5099</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0633        | 0.0400        | 0.4677        | 1.5000e-003        | 0.1677        | 1.2800e-003        | 0.1689        | 0.0445         | 1.1700e-003        | 0.0456        |          | 149.5081        | 149.5081        | 3.8500e-003        |     | 149.6043        |
| <b>Total</b> | <b>0.0633</b> | <b>0.0400</b> | <b>0.4677</b> | <b>1.5000e-003</b> | <b>0.1677</b> | <b>1.2800e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1700e-003</b> | <b>0.0456</b> |          | <b>149.5081</b> | <b>149.5081</b> | <b>3.8500e-003</b> |     | <b>149.6043</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0633        | 0.0400        | 0.4677        | 1.5000e-003        | 0.1677        | 1.2800e-003        | 0.1689        | 0.0445         | 1.1700e-003        | 0.0456        |          | 149.5081        | 149.5081        | 3.8500e-003        |     | 149.6043        |
| <b>Total</b> | <b>0.0633</b> | <b>0.0400</b> | <b>0.4677</b> | <b>1.5000e-003</b> | <b>0.1677</b> | <b>1.2800e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1700e-003</b> | <b>0.0456</b> |          | <b>149.5081</b> | <b>149.5081</b> | <b>3.8500e-003</b> |     | <b>149.6043</b> |

**3.6 Paving - 2024****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        |          | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> |          | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2024****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       | 0.0601        | 0.0364        | 0.4354        | 1.4500e-003        | 0.1677        | 1.2600e-003        | 0.1689        | 0.0445         | 1.1600e-003        | 0.0456        |          | 144.8706        | 144.8706        | 3.5300e-003        |     | 144.9587        |
| <b>Total</b> | <b>0.0601</b> | <b>0.0364</b> | <b>0.4354</b> | <b>1.4500e-003</b> | <b>0.1677</b> | <b>1.2600e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1600e-003</b> | <b>0.0456</b> |          | <b>144.8706</b> | <b>144.8706</b> | <b>3.5300e-003</b> |     | <b>144.9587</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        | 0.0000        | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> | <b>0.0000</b> | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2024****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       | 0.0601        | 0.0364        | 0.4354        | 1.4500e-003        | 0.1677        | 1.2600e-003        | 0.1689        | 0.0445         | 1.1600e-003        | 0.0456        |          | 144.8706        | 144.8706        | 3.5300e-003        |     | 144.9587        |
| <b>Total</b> | <b>0.0601</b> | <b>0.0364</b> | <b>0.4354</b> | <b>1.4500e-003</b> | <b>0.1677</b> | <b>1.2600e-003</b> | <b>0.1689</b> | <b>0.0445</b>  | <b>1.1600e-003</b> | <b>0.0456</b> |          | <b>144.8706</b> | <b>144.8706</b> | <b>3.5300e-003</b> |     | <b>144.9587</b> |

**3.7 Architectural Coating - 2024****Unmitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        |          | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2024****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       | 0.6406        | 0.3886        | 4.6439        | 0.0155        | 1.7884        | 0.0134        | 1.8018        | 0.4743         | 0.0123        | 0.4866        |          | 1,545.286<br>0         | 1,545.286<br>0         | 0.0376        |     | 1,546.226<br>2         |
| <b>Total</b> | <b>0.6406</b> | <b>0.3886</b> | <b>4.6439</b> | <b>0.0155</b> | <b>1.7884</b> | <b>0.0134</b> | <b>1.8018</b> | <b>0.4743</b>  | <b>0.0123</b> | <b>0.4866</b> |          | <b>1,545.286<br/>0</b> | <b>1,545.286<br/>0</b> | <b>0.0376</b> |     | <b>1,546.226<br/>2</b> |

**Mitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        | 0.0000        | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2024****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       | 0.6406        | 0.3886        | 4.6439        | 0.0155        | 1.7884        | 0.0134        | 1.8018        | 0.4743         | 0.0123        | 0.4866        |          | 1,545.286<br>0         | 1,545.286<br>0         | 0.0376        |     | 1,546.226<br>2         |
| <b>Total</b> | <b>0.6406</b> | <b>0.3886</b> | <b>4.6439</b> | <b>0.0155</b> | <b>1.7884</b> | <b>0.0134</b> | <b>1.8018</b> | <b>0.4743</b>  | <b>0.0123</b> | <b>0.4866</b> |          | <b>1,545.286<br/>0</b> | <b>1,545.286<br/>0</b> | <b>0.0376</b> |     | <b>1,546.226<br/>2</b> |

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

## Village South Specific Plan (Proposed) - Los Angeles-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   | 9.5233 | 45.9914 | 110.0422 | 0.4681 | 45.9592       | 0.3373       | 46.2965    | 12.2950        | 0.3132        | 12.6083     |          | 47,917.8005 | 47,917.8005 | 2.1953 |     | 47,972.6839 |
| Unmitigated | 9.5233 | 45.9914 | 110.0422 | 0.4681 | 45.9592       | 0.3373       | 46.2965    | 12.2950        | 0.3132        | 12.6083     |          | 47,917.8005 | 47,917.8005 | 2.1953 |     | 47,972.6839 |

## 4.2 Trip Summary Information

| Land Use                            | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
|                                     | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments Low Rise                 | 145.75                  | 154.25   | 154.00   | 506,227     | 506,227    |
| Apartments Mid Rise                 | 4,026.75                | 3,773.25 | 4075.50  | 13,660,065  | 13,660,065 |
| General Office Building             | 288.45                  | 62.55    | 31.05    | 706,812     | 706,812    |
| High Turnover (Sit Down Restaurant) | 2,368.80                | 2,873.52 | 2817.72  | 3,413,937   | 3,413,937  |
| Hotel                               | 192.00                  | 187.50   | 160.00   | 445,703     | 445,703    |
| Quality Restaurant                  | 501.12                  | 511.92   | 461.20   | 707,488     | 707,488    |
| Regional Shopping Center            | 528.08                  | 601.44   | 357.84   | 1,112,221   | 1,112,221  |
| Total                               | 8,050.95                | 8,164.43 | 8,057.31 | 20,552,452  | 20,552,452 |

## 4.3 Trip Type Information

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

| Land Use                 | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|--------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
|                          | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary        | Diverted | Pass-by |
| Apartments Low Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Apartments Mid Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| General Office Building  | 16.60      | 8.40       | 6.90        | 33.00      | 48.00      | 19.00       | 77             | 19       | 4       |
| High Turnover (Sit Down  | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Hotel                    | 16.60      | 8.40       | 6.90        | 19.40      | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant       | 16.60      | 8.40       | 6.90        | 12.00      | 69.00      | 19.00       | 38             | 18       | 44      |
| Regional Shopping Center | 16.60      | 8.40       | 6.90        | 16.30      | 64.70      | 19.00       | 54             | 35       | 11      |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Apartments Mid Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| General Office Building             | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| High Turnover (Sit Down Restaurant) | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Hotel                               | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Quality Restaurant                  | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Regional Shopping Center            | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |

## 5.0 Energy Detail

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Historical Energy Use: N

## 5.1 Mitigation Measures Energy

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## Village South Specific Plan (Proposed) - Los Angeles-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   |                |                |        |        |                |
| NaturalGas Mitigated   | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |
| NaturalGas Unmitigated | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |

## Village South Specific Plan (Proposed) - Los Angeles-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   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1119.16        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35784.3        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1283.42        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22759.9        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4769.72        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5057.75        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 251.616        | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1.11916        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35.7843        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1.28342        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22.7599        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4.76972        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5.05775        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 0.251616       | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## Village South Specific Plan (Proposed) - Los Angeles-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   | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |
| Unmitigated | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|-----------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day        |                    |                    |               |               |                    |
| Architectural Coating | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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 | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

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

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

**10.0 Stationary Equipment**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

## Village South Specific Plan (Proposed)

### Los Angeles-South Coast County, Annual

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| General Office Building             | 45.00  | 1000sqft      | 1.03        | 45,000.00          | 0          |
| High Turnover (Sit Down Restaurant) | 36.00  | 1000sqft      | 0.83        | 36,000.00          | 0          |
| Hotel                               | 50.00  | Room          | 1.67        | 72,600.00          | 0          |
| Quality Restaurant                  | 8.00   | 1000sqft      | 0.18        | 8,000.00           | 0          |
| Apartments Low Rise                 | 25.00  | Dwelling Unit | 1.56        | 25,000.00          | 72         |
| Apartments Mid Rise                 | 975.00 | Dwelling Unit | 25.66       | 975,000.00         | 2789       |
| Regional Shopping Center            | 56.00  | 1000sqft      | 1.29        | 56,000.00          | 0          |

### 1.2 Other Project Characteristics

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>             | 9                          |                                 |       | <b>Operational Year</b>          | 2028  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 702.44                     | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

| Table Name      | Column Name       | Default Value | New Value |
|-----------------|-------------------|---------------|-----------|
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | NumberWood        | 1.25          | 0.00      |
| tblFireplaces   | NumberWood        | 48.75         | 0.00      |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblVehicleTrips | ST_TR             | 7.16          | 6.17      |
| tblVehicleTrips | ST_TR             | 6.39          | 3.87      |
| tblVehicleTrips | ST_TR             | 2.46          | 1.39      |
| tblVehicleTrips | ST_TR             | 158.37        | 79.82     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|                 |                    |        |       |
|-----------------|--------------------|--------|-------|
| tblVehicleTrips | ST_TR              | 8.19   | 3.75  |
| tblVehicleTrips | ST_TR              | 94.36  | 63.99 |
| tblVehicleTrips | ST_TR              | 49.97  | 10.74 |
| tblVehicleTrips | SU_TR              | 6.07   | 6.16  |
| tblVehicleTrips | SU_TR              | 5.86   | 4.18  |
| tblVehicleTrips | SU_TR              | 1.05   | 0.69  |
| tblVehicleTrips | SU_TR              | 131.84 | 78.27 |
| tblVehicleTrips | SU_TR              | 5.95   | 3.20  |
| tblVehicleTrips | SU_TR              | 72.16  | 57.65 |
| tblVehicleTrips | SU_TR              | 25.24  | 6.39  |
| tblVehicleTrips | WD_TR              | 6.59   | 5.83  |
| tblVehicleTrips | WD_TR              | 6.65   | 4.13  |
| tblVehicleTrips | WD_TR              | 11.03  | 6.41  |
| tblVehicleTrips | WD_TR              | 127.15 | 65.80 |
| tblVehicleTrips | WD_TR              | 8.17   | 3.84  |
| tblVehicleTrips | WD_TR              | 89.95  | 62.64 |
| tblVehicleTrips | WD_TR              | 42.70  | 9.43  |
| tblWoodstoves   | NumberCatalytic    | 1.25   | 0.00  |
| tblWoodstoves   | NumberCatalytic    | 48.75  | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 1.25   | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 48.75  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |

## 2.0 Emissions Summary

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**2.1 Overall Construction****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    | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |            |            |             |        |            |
| 2021    | 0.1704  | 1.8234 | 1.1577 | 2.3800e-003 | 0.4141        | 0.0817       | 0.4958     | 0.1788         | 0.0754        | 0.2542      | 0.0000   | 210.7654   | 210.7654   | 0.0600      | 0.0000 | 212.2661   |
| 2022    | 0.5865  | 4.0240 | 5.1546 | 0.0155      | 0.9509        | 0.1175       | 1.0683     | 0.2518         | 0.1103        | 0.3621      | 0.0000   | 1,418.6554 | 1,418.6554 | 0.1215      | 0.0000 | 1,421.6925 |
| 2023    | 0.5190  | 3.2850 | 4.7678 | 0.0147      | 0.8497        | 0.0971       | 0.9468     | 0.2283         | 0.0912        | 0.3195      | 0.0000   | 1,342.4412 | 1,342.4412 | 0.1115      | 0.0000 | 1,345.2291 |
| 2024    | 4.1592  | 0.1313 | 0.2557 | 5.0000e-004 | 0.0221        | 6.3900e-003  | 0.0285     | 5.8700e-003    | 5.9700e-003   | 0.0118      | 0.0000   | 44.6355    | 44.6355    | 7.8300e-003 | 0.0000 | 44.8311    |
| Maximum | 4.1592  | 4.0240 | 5.1546 | 0.0155      | 0.9509        | 0.1175       | 1.0683     | 0.2518         | 0.1103        | 0.3621      | 0.0000   | 1,418.6554 | 1,418.6554 | 0.1215      | 0.0000 | 1,421.6925 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**2.1 Overall Construction****Mitigated Construction**

|         | ROG     | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4         | N2O    | CO2e       |
|---------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|-------------|--------|------------|
| Year    | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |            |            |             |        |            |
| 2021    | 0.1704  | 1.8234 | 1.1577 | 2.3800e-003 | 0.4141        | 0.0817       | 0.4958     | 0.1788         | 0.0754        | 0.2542      | 0.0000   | 210.7651   | 210.7651   | 0.0600      | 0.0000 | 212.2658   |
| 2022    | 0.5865  | 4.0240 | 5.1546 | 0.0155      | 0.9509        | 0.1175       | 1.0683     | 0.2518         | 0.1103        | 0.3621      | 0.0000   | 1,418.6550 | 1,418.6550 | 0.1215      | 0.0000 | 1,421.6921 |
| 2023    | 0.5190  | 3.2850 | 4.7678 | 0.0147      | 0.8497        | 0.0971       | 0.9468     | 0.2283         | 0.0912        | 0.3195      | 0.0000   | 1,342.4409 | 1,342.4409 | 0.1115      | 0.0000 | 1,345.2287 |
| 2024    | 4.1592  | 0.1313 | 0.2557 | 5.0000e-004 | 0.0221        | 6.3900e-003  | 0.0285     | 5.8700e-003    | 5.9700e-003   | 0.0118      | 0.0000   | 44.6354    | 44.6354    | 7.8300e-003 | 0.0000 | 44.8311    |
| Maximum | 4.1592  | 4.0240 | 5.1546 | 0.0155      | 0.9509        | 0.1175       | 1.0683     | 0.2518         | 0.1103        | 0.3621      | 0.0000   | 1,418.6550 | 1,418.6550 | 0.1215      | 0.0000 | 1,421.6921 |

|                   | ROG  | NOx  | CO   | SO2  | 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 |

| Quarter | Start Date | End Date   | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|----------------------------------------------|--------------------------------------------|
| 1       | 9-1-2021   | 11-30-2021 | 1.4091                                       | 1.4091                                     |
| 2       | 12-1-2021  | 2-28-2022  | 1.3329                                       | 1.3329                                     |
| 3       | 3-1-2022   | 5-31-2022  | 1.1499                                       | 1.1499                                     |
| 4       | 6-1-2022   | 8-31-2022  | 1.1457                                       | 1.1457                                     |
| 5       | 9-1-2022   | 11-30-2022 | 1.1415                                       | 1.1415                                     |
| 6       | 12-1-2022  | 2-28-2023  | 1.0278                                       | 1.0278                                     |
| 7       | 3-1-2023   | 5-31-2023  | 0.9868                                       | 0.9868                                     |
| 8       | 6-1-2023   | 8-31-2023  | 0.9831                                       | 0.9831                                     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|    |           |            |        |        |
|----|-----------|------------|--------|--------|
| 9  | 9-1-2023  | 11-30-2023 | 0.9798 | 0.9798 |
| 10 | 12-1-2023 | 2-29-2024  | 2.8757 | 2.8757 |
| 11 | 3-1-2024  | 5-31-2024  | 1.6188 | 1.6188 |
|    |           | Highest    | 2.8757 | 2.8757 |

## 2.2 Overall Operational

Unmitigated Operational

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2        | NBio- CO2          | Total CO2          | CH4            | N2O           | CO2e               |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category     | tons/yr       |               |                |               |               |               |               |                |               |               | MT/yr           |                    |                    |                |               |                    |
| Area         | 5.1437        | 0.2950        | 10.3804        | 1.6700e-003   |               | 0.0714        | 0.0714        |                | 0.0714        | 0.0714        | 0.0000          | 220.9670           | 220.9670           | 0.0201         | 3.7400e-003   | 222.5835           |
| Energy       | 0.1398        | 1.2312        | 0.7770         | 7.6200e-003   |               | 0.0966        | 0.0966        |                | 0.0966        | 0.0966        | 0.0000          | 3,896.0732         | 3,896.0732         | 0.1303         | 0.0468        | 3,913.2833         |
| Mobile       | 1.5857        | 7.9962        | 19.1834        | 0.0821        | 7.7979        | 0.0580        | 7.8559        | 2.0895         | 0.0539        | 2.1434        | 0.0000          | 7,620.4986         | 7,620.4986         | 0.3407         | 0.0000        | 7,629.0162         |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 207.8079        | 0.0000             | 207.8079           | 12.2811        | 0.0000        | 514.8354           |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 29.1632         | 556.6420           | 585.8052           | 3.0183         | 0.0755        | 683.7567           |
| <b>Total</b> | <b>6.8692</b> | <b>9.5223</b> | <b>30.3407</b> | <b>0.0914</b> | <b>7.7979</b> | <b>0.2260</b> | <b>8.0240</b> | <b>2.0895</b>  | <b>0.2219</b> | <b>2.3114</b> | <b>236.9712</b> | <b>12,294.1807</b> | <b>12,531.1519</b> | <b>15.7904</b> | <b>0.1260</b> | <b>12,963.4751</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**2.2 Overall Operational****Mitigated Operational**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2        | NBio- CO2          | Total CO2          | CH4            | N2O           | CO2e               |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------------|--------------------|--------------------|----------------|---------------|--------------------|
| Category     | tons/yr       |               |                |               |               |               |               |                |               |               | MT/yr           |                    |                    |                |               |                    |
| Area         | 5.1437        | 0.2950        | 10.3804        | 1.6700e-003   |               | 0.0714        | 0.0714        |                | 0.0714        | 0.0714        | 0.0000          | 220.9670           | 220.9670           | 0.0201         | 3.7400e-003   | 222.5835           |
| Energy       | 0.1398        | 1.2312        | 0.7770         | 7.6200e-003   |               | 0.0966        | 0.0966        |                | 0.0966        | 0.0966        | 0.0000          | 3,896.0732         | 3,896.0732         | 0.1303         | 0.0468        | 3,913.2833         |
| Mobile       | 1.5857        | 7.9962        | 19.1834        | 0.0821        | 7.7979        | 0.0580        | 7.8559        | 2.0895         | 0.0539        | 2.1434        | 0.0000          | 7,620.4986         | 7,620.4986         | 0.3407         | 0.0000        | 7,629.0162         |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 207.8079        | 0.0000             | 207.8079           | 12.2811        | 0.0000        | 514.8354           |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 29.1632         | 556.6420           | 585.8052           | 3.0183         | 0.0755        | 683.7567           |
| <b>Total</b> | <b>6.8692</b> | <b>9.5223</b> | <b>30.3407</b> | <b>0.0914</b> | <b>7.7979</b> | <b>0.2260</b> | <b>8.0240</b> | <b>2.0895</b>  | <b>0.2219</b> | <b>2.3114</b> | <b>236.9712</b> | <b>12,294.1807</b> | <b>12,531.1519</b> | <b>15.7904</b> | <b>0.1260</b> | <b>12,963.4751</b> |

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

**3.0 Construction Detail****Construction Phase**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 9/1/2021   | 10/12/2021 | 5             | 30       |                   |
| 2            | Site Preparation      | Site Preparation      | 10/13/2021 | 11/9/2021  | 5             | 20       |                   |
| 3            | Grading               | Grading               | 11/10/2021 | 1/11/2022  | 5             | 45       |                   |
| 4            | Building Construction | Building Construction | 1/12/2022  | 12/12/2023 | 5             | 500      |                   |
| 5            | Paving                | Paving                | 12/13/2023 | 1/30/2024  | 5             | 35       |                   |
| 6            | Architectural Coating | Architectural Coating | 1/31/2024  | 3/19/2024  | 5             | 35       |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

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

Trips and VMT

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 458.00              | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 8                       | 20.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 9                       | 801.00             | 143.00             | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 6                       | 15.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 160.00             | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                    |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.0496        | 0.0000        | 0.0496        | 7.5100e-003        | 0.0000        | 7.5100e-003   | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0475        | 0.4716        | 0.3235        | 5.8000e-004        |               | 0.0233        | 0.0233        |                    | 0.0216        | 0.0216        | 0.0000        | 51.0012        | 51.0012        | 0.0144        | 0.0000        | 51.3601        |
| <b>Total</b>  | <b>0.0475</b> | <b>0.4716</b> | <b>0.3235</b> | <b>5.8000e-004</b> | <b>0.0496</b> | <b>0.0233</b> | <b>0.0729</b> | <b>7.5100e-003</b> | <b>0.0216</b> | <b>0.0291</b> | <b>0.0000</b> | <b>51.0012</b> | <b>51.0012</b> | <b>0.0144</b> | <b>0.0000</b> | <b>51.3601</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 1.9300e-003        | 0.0634        | 0.0148        | 1.8000e-004        | 3.9400e-003        | 1.9000e-004        | 4.1300e-003        | 1.0800e-003        | 1.8000e-004        | 1.2600e-003        | 0.0000        | 17.4566        | 17.4566        | 1.2100e-003        | 0.0000        | 17.4869        |
| Vendor       | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 7.2000e-004        | 5.3000e-004   | 6.0900e-003   | 2.0000e-005        | 1.6800e-003        | 1.0000e-005        | 1.6900e-003        | 4.5000e-004        | 1.0000e-005        | 4.6000e-004        | 0.0000        | 1.5281         | 1.5281         | 5.0000e-005        | 0.0000        | 1.5293         |
| <b>Total</b> | <b>2.6500e-003</b> | <b>0.0639</b> | <b>0.0209</b> | <b>2.0000e-004</b> | <b>5.6200e-003</b> | <b>2.0000e-004</b> | <b>5.8200e-003</b> | <b>1.5300e-003</b> | <b>1.9000e-004</b> | <b>1.7200e-003</b> | <b>0.0000</b> | <b>18.9847</b> | <b>18.9847</b> | <b>1.2600e-003</b> | <b>0.0000</b> | <b>19.0161</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                    |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.0496        | 0.0000        | 0.0496        | 7.5100e-003        | 0.0000        | 7.5100e-003   | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0475        | 0.4716        | 0.3235        | 5.8000e-004        |               | 0.0233        | 0.0233        |                    | 0.0216        | 0.0216        | 0.0000        | 51.0011        | 51.0011        | 0.0144        | 0.0000        | 51.3600        |
| <b>Total</b>  | <b>0.0475</b> | <b>0.4716</b> | <b>0.3235</b> | <b>5.8000e-004</b> | <b>0.0496</b> | <b>0.0233</b> | <b>0.0729</b> | <b>7.5100e-003</b> | <b>0.0216</b> | <b>0.0291</b> | <b>0.0000</b> | <b>51.0011</b> | <b>51.0011</b> | <b>0.0144</b> | <b>0.0000</b> | <b>51.3600</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 1.9300e-003        | 0.0634        | 0.0148        | 1.8000e-004        | 3.9400e-003        | 1.9000e-004        | 4.1300e-003        | 1.0800e-003        | 1.8000e-004        | 1.2600e-003        | 0.0000        | 17.4566        | 17.4566        | 1.2100e-003        | 0.0000        | 17.4869        |
| Vendor       | 0.0000             | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 7.2000e-004        | 5.3000e-004   | 6.0900e-003   | 2.0000e-005        | 1.6800e-003        | 1.0000e-005        | 1.6900e-003        | 4.5000e-004        | 1.0000e-005        | 4.6000e-004        | 0.0000        | 1.5281         | 1.5281         | 5.0000e-005        | 0.0000        | 1.5293         |
| <b>Total</b> | <b>2.6500e-003</b> | <b>0.0639</b> | <b>0.0209</b> | <b>2.0000e-004</b> | <b>5.6200e-003</b> | <b>2.0000e-004</b> | <b>5.8200e-003</b> | <b>1.5300e-003</b> | <b>1.9000e-004</b> | <b>1.7200e-003</b> | <b>0.0000</b> | <b>18.9847</b> | <b>18.9847</b> | <b>1.2600e-003</b> | <b>0.0000</b> | <b>19.0161</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.1807        | 0.0000        | 0.1807        | 0.0993         | 0.0000        | 0.0993        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0389        | 0.4050        | 0.2115        | 3.8000e-004        |               | 0.0204        | 0.0204        |                | 0.0188        | 0.0188        | 0.0000        | 33.4357        | 33.4357        | 0.0108        | 0.0000        | 33.7061        |
| <b>Total</b>  | <b>0.0389</b> | <b>0.4050</b> | <b>0.2115</b> | <b>3.8000e-004</b> | <b>0.1807</b> | <b>0.0204</b> | <b>0.2011</b> | <b>0.0993</b>  | <b>0.0188</b> | <b>0.1181</b> | <b>0.0000</b> | <b>33.4357</b> | <b>33.4357</b> | <b>0.0108</b> | <b>0.0000</b> | <b>33.7061</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 5.8000e-004        | 4.3000e-004        | 4.8700e-003        | 1.0000e-005        | 1.3400e-003        | 1.0000e-005        | 1.3500e-003        | 3.6000e-004        | 1.0000e-005        | 3.7000e-004        | 0.0000        | 1.2225        | 1.2225        | 4.0000e-005        | 0.0000        | 1.2234        |
| <b>Total</b> | <b>5.8000e-004</b> | <b>4.3000e-004</b> | <b>4.8700e-003</b> | <b>1.0000e-005</b> | <b>1.3400e-003</b> | <b>1.0000e-005</b> | <b>1.3500e-003</b> | <b>3.6000e-004</b> | <b>1.0000e-005</b> | <b>3.7000e-004</b> | <b>0.0000</b> | <b>1.2225</b> | <b>1.2225</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>1.2234</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.1807        | 0.0000        | 0.1807        | 0.0993         | 0.0000        | 0.0993        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0389        | 0.4050        | 0.2115        | 3.8000e-004        |               | 0.0204        | 0.0204        |                | 0.0188        | 0.0188        | 0.0000        | 33.4357        | 33.4357        | 0.0108        | 0.0000        | 33.7060        |
| <b>Total</b>  | <b>0.0389</b> | <b>0.4050</b> | <b>0.2115</b> | <b>3.8000e-004</b> | <b>0.1807</b> | <b>0.0204</b> | <b>0.2011</b> | <b>0.0993</b>  | <b>0.0188</b> | <b>0.1181</b> | <b>0.0000</b> | <b>33.4357</b> | <b>33.4357</b> | <b>0.0108</b> | <b>0.0000</b> | <b>33.7060</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 5.8000e-004        | 4.3000e-004        | 4.8700e-003        | 1.0000e-005        | 1.3400e-003        | 1.0000e-005        | 1.3500e-003        | 3.6000e-004        | 1.0000e-005        | 3.7000e-004        | 0.0000        | 1.2225        | 1.2225        | 4.0000e-005        | 0.0000        | 1.2234        |
| <b>Total</b> | <b>5.8000e-004</b> | <b>4.3000e-004</b> | <b>4.8700e-003</b> | <b>1.0000e-005</b> | <b>1.3400e-003</b> | <b>1.0000e-005</b> | <b>1.3500e-003</b> | <b>3.6000e-004</b> | <b>1.0000e-005</b> | <b>3.7000e-004</b> | <b>0.0000</b> | <b>1.2225</b> | <b>1.2225</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>1.2234</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Fugitive Dust |               |               |               |                    | 0.1741        | 0.0000        | 0.1741        | 0.0693         | 0.0000        | 0.0693        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road      | 0.0796        | 0.8816        | 0.5867        | 1.1800e-003        |               | 0.0377        | 0.0377        |                | 0.0347        | 0.0347        | 0.0000        | 103.5405        | 103.5405        | 0.0335        | 0.0000        | 104.3776        |
| <b>Total</b>  | <b>0.0796</b> | <b>0.8816</b> | <b>0.5867</b> | <b>1.1800e-003</b> | <b>0.1741</b> | <b>0.0377</b> | <b>0.2118</b> | <b>0.0693</b>  | <b>0.0347</b> | <b>0.1040</b> | <b>0.0000</b> | <b>103.5405</b> | <b>103.5405</b> | <b>0.0335</b> | <b>0.0000</b> | <b>104.3776</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 1.2200e-003        | 9.0000e-004        | 0.0103        | 3.0000e-005        | 2.8300e-003        | 2.0000e-005        | 2.8600e-003        | 7.5000e-004        | 2.0000e-005        | 7.8000e-004        | 0.0000        | 2.5808        | 2.5808        | 8.0000e-005        | 0.0000        | 2.5828        |
| <b>Total</b> | <b>1.2200e-003</b> | <b>9.0000e-004</b> | <b>0.0103</b> | <b>3.0000e-005</b> | <b>2.8300e-003</b> | <b>2.0000e-005</b> | <b>2.8600e-003</b> | <b>7.5000e-004</b> | <b>2.0000e-005</b> | <b>7.8000e-004</b> | <b>0.0000</b> | <b>2.5808</b> | <b>2.5808</b> | <b>8.0000e-005</b> | <b>0.0000</b> | <b>2.5828</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Fugitive Dust |               |               |               |                    | 0.1741        | 0.0000        | 0.1741        | 0.0693         | 0.0000        | 0.0693        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road      | 0.0796        | 0.8816        | 0.5867        | 1.1800e-003        |               | 0.0377        | 0.0377        |                | 0.0347        | 0.0347        | 0.0000        | 103.5403        | 103.5403        | 0.0335        | 0.0000        | 104.3775        |
| <b>Total</b>  | <b>0.0796</b> | <b>0.8816</b> | <b>0.5867</b> | <b>1.1800e-003</b> | <b>0.1741</b> | <b>0.0377</b> | <b>0.2118</b> | <b>0.0693</b>  | <b>0.0347</b> | <b>0.1040</b> | <b>0.0000</b> | <b>103.5403</b> | <b>103.5403</b> | <b>0.0335</b> | <b>0.0000</b> | <b>104.3775</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 1.2200e-003        | 9.0000e-004        | 0.0103        | 3.0000e-005        | 2.8300e-003        | 2.0000e-005        | 2.8600e-003        | 7.5000e-004        | 2.0000e-005        | 7.8000e-004        | 0.0000        | 2.5808        | 2.5808        | 8.0000e-005        | 0.0000        | 2.5828        |
| <b>Total</b> | <b>1.2200e-003</b> | <b>9.0000e-004</b> | <b>0.0103</b> | <b>3.0000e-005</b> | <b>2.8300e-003</b> | <b>2.0000e-005</b> | <b>2.8600e-003</b> | <b>7.5000e-004</b> | <b>2.0000e-005</b> | <b>7.8000e-004</b> | <b>0.0000</b> | <b>2.5808</b> | <b>2.5808</b> | <b>8.0000e-005</b> | <b>0.0000</b> | <b>2.5828</b> |

**3.4 Grading - 2022****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 0.0807        | 0.0000             | 0.0807        | 0.0180         | 0.0000             | 0.0180        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0127        | 0.1360        | 0.1017        | 2.2000e-004        |               | 5.7200e-003        | 5.7200e-003   |                | 5.2600e-003        | 5.2600e-003   | 0.0000        | 19.0871        | 19.0871        | 6.1700e-003        | 0.0000        | 19.2414        |
| <b>Total</b>  | <b>0.0127</b> | <b>0.1360</b> | <b>0.1017</b> | <b>2.2000e-004</b> | <b>0.0807</b> | <b>5.7200e-003</b> | <b>0.0865</b> | <b>0.0180</b>  | <b>5.2600e-003</b> | <b>0.0233</b> | <b>0.0000</b> | <b>19.0871</b> | <b>19.0871</b> | <b>6.1700e-003</b> | <b>0.0000</b> | <b>19.2414</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2022****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10  | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |               |                    |                    |               |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.1000e-004        | 1.5000e-004        | 1.7400e-003        | 1.0000e-005        | 5.2000e-004        | 0.0000        | 5.3000e-004        | 1.4000e-004        | 0.0000        | 1.4000e-004        | 0.0000        | 0.4587        | 0.4587        | 1.0000e-005        | 0.0000        | 0.4590        |
| <b>Total</b> | <b>2.1000e-004</b> | <b>1.5000e-004</b> | <b>1.7400e-003</b> | <b>1.0000e-005</b> | <b>5.2000e-004</b> | <b>0.0000</b> | <b>5.3000e-004</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>0.4587</b> | <b>0.4587</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>0.4590</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                |                |                    |               |                |
| Fugitive Dust |               |               |               |                    | 0.0807        | 0.0000             | 0.0807        | 0.0180         | 0.0000             | 0.0180        | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      | 0.0127        | 0.1360        | 0.1017        | 2.2000e-004        |               | 5.7200e-003        | 5.7200e-003   |                | 5.2600e-003        | 5.2600e-003   | 0.0000        | 19.0871        | 19.0871        | 6.1700e-003        | 0.0000        | 19.2414        |
| <b>Total</b>  | <b>0.0127</b> | <b>0.1360</b> | <b>0.1017</b> | <b>2.2000e-004</b> | <b>0.0807</b> | <b>5.7200e-003</b> | <b>0.0865</b> | <b>0.0180</b>  | <b>5.2600e-003</b> | <b>0.0233</b> | <b>0.0000</b> | <b>19.0871</b> | <b>19.0871</b> | <b>6.1700e-003</b> | <b>0.0000</b> | <b>19.2414</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2022****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10  | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |               |                    |                    |               |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.1000e-004        | 1.5000e-004        | 1.7400e-003        | 1.0000e-005        | 5.2000e-004        | 0.0000        | 5.3000e-004        | 1.4000e-004        | 0.0000        | 1.4000e-004        | 0.0000        | 0.4587        | 0.4587        | 1.0000e-005        | 0.0000        | 0.4590        |
| <b>Total</b> | <b>2.1000e-004</b> | <b>1.5000e-004</b> | <b>1.7400e-003</b> | <b>1.0000e-005</b> | <b>5.2000e-004</b> | <b>0.0000</b> | <b>5.3000e-004</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>1.4000e-004</b> | <b>0.0000</b> | <b>0.4587</b> | <b>0.4587</b> | <b>1.0000e-005</b> | <b>0.0000</b> | <b>0.4590</b> |

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

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.2158        | 1.9754        | 2.0700        | 3.4100e-003        |               | 0.1023        | 0.1023        |                | 0.0963        | 0.0963        | 0.0000        | 293.1324        | 293.1324        | 0.0702        | 0.0000        | 294.8881        |
| <b>Total</b> | <b>0.2158</b> | <b>1.9754</b> | <b>2.0700</b> | <b>3.4100e-003</b> |               | <b>0.1023</b> | <b>0.1023</b> |                | <b>0.0963</b> | <b>0.0963</b> | <b>0.0000</b> | <b>293.1324</b> | <b>293.1324</b> | <b>0.0702</b> | <b>0.0000</b> | <b>294.8881</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |                    |               |                |                    |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0527        | 1.6961        | 0.4580        | 4.5500e-003   | 0.1140        | 3.1800e-003        | 0.1171        | 0.0329         | 3.0400e-003        | 0.0359        | 0.0000        | 441.9835          | 441.9835          | 0.0264        | 0.0000        | 442.6435          |
| Worker       | 0.3051        | 0.2164        | 2.5233        | 7.3500e-003   | 0.7557        | 6.2300e-003        | 0.7619        | 0.2007         | 5.7400e-003        | 0.2065        | 0.0000        | 663.9936          | 663.9936          | 0.0187        | 0.0000        | 664.4604          |
| <b>Total</b> | <b>0.3578</b> | <b>1.9125</b> | <b>2.9812</b> | <b>0.0119</b> | <b>0.8696</b> | <b>9.4100e-003</b> | <b>0.8790</b> | <b>0.2336</b>  | <b>8.7800e-003</b> | <b>0.2424</b> | <b>0.0000</b> | <b>1,105.9771</b> | <b>1,105.9771</b> | <b>0.0451</b> | <b>0.0000</b> | <b>1,107.1039</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.2158        | 1.9754        | 2.0700        | 3.4100e-003        |               | 0.1023        | 0.1023        |                | 0.0963        | 0.0963        | 0.0000        | 293.1321        | 293.1321        | 0.0702        | 0.0000        | 294.8877        |
| <b>Total</b> | <b>0.2158</b> | <b>1.9754</b> | <b>2.0700</b> | <b>3.4100e-003</b> |               | <b>0.1023</b> | <b>0.1023</b> |                | <b>0.0963</b> | <b>0.0963</b> | <b>0.0000</b> | <b>293.1321</b> | <b>293.1321</b> | <b>0.0702</b> | <b>0.0000</b> | <b>294.8877</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |                    |               |                |                    |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0527        | 1.6961        | 0.4580        | 4.5500e-003   | 0.1140        | 3.1800e-003        | 0.1171        | 0.0329         | 3.0400e-003        | 0.0359        | 0.0000        | 441.9835          | 441.9835          | 0.0264        | 0.0000        | 442.6435          |
| Worker       | 0.3051        | 0.2164        | 2.5233        | 7.3500e-003   | 0.7557        | 6.2300e-003        | 0.7619        | 0.2007         | 5.7400e-003        | 0.2065        | 0.0000        | 663.9936          | 663.9936          | 0.0187        | 0.0000        | 664.4604          |
| <b>Total</b> | <b>0.3578</b> | <b>1.9125</b> | <b>2.9812</b> | <b>0.0119</b> | <b>0.8696</b> | <b>9.4100e-003</b> | <b>0.8790</b> | <b>0.2336</b>  | <b>8.7800e-003</b> | <b>0.2424</b> | <b>0.0000</b> | <b>1,105.9771</b> | <b>1,105.9771</b> | <b>0.0451</b> | <b>0.0000</b> | <b>1,107.1039</b> |

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

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1942        | 1.7765        | 2.0061        | 3.3300e-003        |               | 0.0864        | 0.0864        |                | 0.0813        | 0.0813        | 0.0000        | 286.2789        | 286.2789        | 0.0681        | 0.0000        | 287.9814        |
| <b>Total</b> | <b>0.1942</b> | <b>1.7765</b> | <b>2.0061</b> | <b>3.3300e-003</b> |               | <b>0.0864</b> | <b>0.0864</b> |                | <b>0.0813</b> | <b>0.0813</b> | <b>0.0000</b> | <b>286.2789</b> | <b>286.2789</b> | <b>0.0681</b> | <b>0.0000</b> | <b>287.9814</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |                    |               |                |                    |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0382        | 1.2511        | 0.4011        | 4.3000e-003   | 0.1113        | 1.4600e-003        | 0.1127        | 0.0321         | 1.4000e-003        | 0.0335        | 0.0000        | 417.9930          | 417.9930          | 0.0228        | 0.0000        | 418.5624          |
| Worker       | 0.2795        | 0.1910        | 2.2635        | 6.9100e-003   | 0.7377        | 5.9100e-003        | 0.7436        | 0.1960         | 5.4500e-003        | 0.2014        | 0.0000        | 624.5363          | 624.5363          | 0.0164        | 0.0000        | 624.9466          |
| <b>Total</b> | <b>0.3177</b> | <b>1.4420</b> | <b>2.6646</b> | <b>0.0112</b> | <b>0.8490</b> | <b>7.3700e-003</b> | <b>0.8564</b> | <b>0.2281</b>  | <b>6.8500e-003</b> | <b>0.2349</b> | <b>0.0000</b> | <b>1,042.5294</b> | <b>1,042.5294</b> | <b>0.0392</b> | <b>0.0000</b> | <b>1,043.5090</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1942        | 1.7765        | 2.0061        | 3.3300e-003        |               | 0.0864        | 0.0864        |                | 0.0813        | 0.0813        | 0.0000        | 286.2785        | 286.2785        | 0.0681        | 0.0000        | 287.9811        |
| <b>Total</b> | <b>0.1942</b> | <b>1.7765</b> | <b>2.0061</b> | <b>3.3300e-003</b> |               | <b>0.0864</b> | <b>0.0864</b> |                | <b>0.0813</b> | <b>0.0813</b> | <b>0.0000</b> | <b>286.2785</b> | <b>286.2785</b> | <b>0.0681</b> | <b>0.0000</b> | <b>287.9811</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |               |               |               |                    |               |                |                    |               | MT/yr         |                   |                   |               |               |                   |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000            | 0.0000            | 0.0000        | 0.0000        | 0.0000            |
| Vendor       | 0.0382        | 1.2511        | 0.4011        | 4.3000e-003   | 0.1113        | 1.4600e-003        | 0.1127        | 0.0321         | 1.4000e-003        | 0.0335        | 0.0000        | 417.9930          | 417.9930          | 0.0228        | 0.0000        | 418.5624          |
| Worker       | 0.2795        | 0.1910        | 2.2635        | 6.9100e-003   | 0.7377        | 5.9100e-003        | 0.7436        | 0.1960         | 5.4500e-003        | 0.2014        | 0.0000        | 624.5363          | 624.5363          | 0.0164        | 0.0000        | 624.9466          |
| <b>Total</b> | <b>0.3177</b> | <b>1.4420</b> | <b>2.6646</b> | <b>0.0112</b> | <b>0.8490</b> | <b>7.3700e-003</b> | <b>0.8564</b> | <b>0.2281</b>  | <b>6.8500e-003</b> | <b>0.2349</b> | <b>0.0000</b> | <b>1,042.5294</b> | <b>1,042.5294</b> | <b>0.0392</b> | <b>0.0000</b> | <b>1,043.5090</b> |

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

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 6.7100e-003        | 0.0663        | 0.0948        | 1.5000e-004        |               | 3.3200e-003        | 3.3200e-003        |                | 3.0500e-003        | 3.0500e-003        | 0.0000        | 13.0175        | 13.0175        | 4.2100e-003        | 0.0000        | 13.1227        |
| Paving       | 0.0000             |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>6.7100e-003</b> | <b>0.0663</b> | <b>0.0948</b> | <b>1.5000e-004</b> |               | <b>3.3200e-003</b> | <b>3.3200e-003</b> |                | <b>3.0500e-003</b> | <b>3.0500e-003</b> | <b>0.0000</b> | <b>13.0175</b> | <b>13.0175</b> | <b>4.2100e-003</b> | <b>0.0000</b> | <b>13.1227</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2023****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.8000e-004        | 1.9000e-004        | 2.2300e-003        | 1.0000e-005        | 7.3000e-004        | 1.0000e-005        | 7.3000e-004        | 1.9000e-004        | 1.0000e-005        | 2.0000e-004        | 0.0000        | 0.6156        | 0.6156        | 2.0000e-005        | 0.0000        | 0.6160        |
| <b>Total</b> | <b>2.8000e-004</b> | <b>1.9000e-004</b> | <b>2.2300e-003</b> | <b>1.0000e-005</b> | <b>7.3000e-004</b> | <b>1.0000e-005</b> | <b>7.3000e-004</b> | <b>1.9000e-004</b> | <b>1.0000e-005</b> | <b>2.0000e-004</b> | <b>0.0000</b> | <b>0.6156</b> | <b>0.6156</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.6160</b> |

**Mitigated Construction On-Site**

|              | ROG                | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 6.7100e-003        | 0.0663        | 0.0948        | 1.5000e-004        |               | 3.3200e-003        | 3.3200e-003        |                | 3.0500e-003        | 3.0500e-003        | 0.0000        | 13.0175        | 13.0175        | 4.2100e-003        | 0.0000        | 13.1227        |
| Paving       | 0.0000             |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>6.7100e-003</b> | <b>0.0663</b> | <b>0.0948</b> | <b>1.5000e-004</b> |               | <b>3.3200e-003</b> | <b>3.3200e-003</b> |                | <b>3.0500e-003</b> | <b>3.0500e-003</b> | <b>0.0000</b> | <b>13.0175</b> | <b>13.0175</b> | <b>4.2100e-003</b> | <b>0.0000</b> | <b>13.1227</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2023****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 2.8000e-004        | 1.9000e-004        | 2.2300e-003        | 1.0000e-005        | 7.3000e-004        | 1.0000e-005        | 7.3000e-004        | 1.9000e-004        | 1.0000e-005        | 2.0000e-004        | 0.0000        | 0.6156        | 0.6156        | 2.0000e-005        | 0.0000        | 0.6160        |
| <b>Total</b> | <b>2.8000e-004</b> | <b>1.9000e-004</b> | <b>2.2300e-003</b> | <b>1.0000e-005</b> | <b>7.3000e-004</b> | <b>1.0000e-005</b> | <b>7.3000e-004</b> | <b>1.9000e-004</b> | <b>1.0000e-005</b> | <b>2.0000e-004</b> | <b>0.0000</b> | <b>0.6156</b> | <b>0.6156</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.6160</b> |

**3.6 Paving - 2024****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 0.0109        | 0.1048        | 0.1609        | 2.5000e-004        |               | 5.1500e-003        | 5.1500e-003        |                | 4.7400e-003        | 4.7400e-003        | 0.0000        | 22.0292        | 22.0292        | 7.1200e-003        | 0.0000        | 22.2073        |
| Paving       | 0.0000        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>0.0109</b> | <b>0.1048</b> | <b>0.1609</b> | <b>2.5000e-004</b> |               | <b>5.1500e-003</b> | <b>5.1500e-003</b> |                | <b>4.7400e-003</b> | <b>4.7400e-003</b> | <b>0.0000</b> | <b>22.0292</b> | <b>22.0292</b> | <b>7.1200e-003</b> | <b>0.0000</b> | <b>22.2073</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2024****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 4.4000e-004        | 2.9000e-004        | 3.5100e-003        | 1.0000e-005        | 1.2300e-003        | 1.0000e-005        | 1.2400e-003        | 3.3000e-004        | 1.0000e-005        | 3.4000e-004        | 0.0000        | 1.0094        | 1.0094        | 3.0000e-005        | 0.0000        | 1.0100        |
| <b>Total</b> | <b>4.4000e-004</b> | <b>2.9000e-004</b> | <b>3.5100e-003</b> | <b>1.0000e-005</b> | <b>1.2300e-003</b> | <b>1.0000e-005</b> | <b>1.2400e-003</b> | <b>3.3000e-004</b> | <b>1.0000e-005</b> | <b>3.4000e-004</b> | <b>0.0000</b> | <b>1.0094</b> | <b>1.0094</b> | <b>3.0000e-005</b> | <b>0.0000</b> | <b>1.0100</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Off-Road     | 0.0109        | 0.1048        | 0.1609        | 2.5000e-004        |               | 5.1500e-003        | 5.1500e-003        |                | 4.7400e-003        | 4.7400e-003        | 0.0000        | 22.0292        | 22.0292        | 7.1200e-003        | 0.0000        | 22.2073        |
| Paving       | 0.0000        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> | <b>0.0109</b> | <b>0.1048</b> | <b>0.1609</b> | <b>2.5000e-004</b> |               | <b>5.1500e-003</b> | <b>5.1500e-003</b> |                | <b>4.7400e-003</b> | <b>4.7400e-003</b> | <b>0.0000</b> | <b>22.0292</b> | <b>22.0292</b> | <b>7.1200e-003</b> | <b>0.0000</b> | <b>22.2073</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2024****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       | 4.4000e-004        | 2.9000e-004        | 3.5100e-003        | 1.0000e-005        | 1.2300e-003        | 1.0000e-005        | 1.2400e-003        | 3.3000e-004        | 1.0000e-005        | 3.4000e-004        | 0.0000        | 1.0094        | 1.0094        | 3.0000e-005        | 0.0000        | 1.0100        |
| <b>Total</b> | <b>4.4000e-004</b> | <b>2.9000e-004</b> | <b>3.5100e-003</b> | <b>1.0000e-005</b> | <b>1.2300e-003</b> | <b>1.0000e-005</b> | <b>1.2400e-003</b> | <b>3.3000e-004</b> | <b>1.0000e-005</b> | <b>3.4000e-004</b> | <b>0.0000</b> | <b>1.0094</b> | <b>1.0094</b> | <b>3.0000e-005</b> | <b>0.0000</b> | <b>1.0100</b> |

**3.7 Architectural Coating - 2024****Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category        | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Archit. Coating | 4.1372        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 3.1600e-003   | 0.0213        | 0.0317        | 5.0000e-005        |               | 1.0700e-003        | 1.0700e-003        |                | 1.0700e-003        | 1.0700e-003        | 0.0000        | 4.4682        | 4.4682        | 2.5000e-004        | 0.0000        | 4.4745        |
| <b>Total</b>    | <b>4.1404</b> | <b>0.0213</b> | <b>0.0317</b> | <b>5.0000e-005</b> |               | <b>1.0700e-003</b> | <b>1.0700e-003</b> |                | <b>1.0700e-003</b> | <b>1.0700e-003</b> | <b>0.0000</b> | <b>4.4682</b> | <b>4.4682</b> | <b>2.5000e-004</b> | <b>0.0000</b> | <b>4.4745</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.7 Architectural Coating - 2024****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 7.4800e-003        | 4.9300e-003        | 0.0596        | 1.9000e-004        | 0.0209        | 1.6000e-004        | 0.0211        | 5.5500e-003        | 1.5000e-004        | 5.7000e-003        | 0.0000        | 17.1287        | 17.1287        | 4.3000e-004        | 0.0000        | 17.1394        |
| <b>Total</b> | <b>7.4800e-003</b> | <b>4.9300e-003</b> | <b>0.0596</b> | <b>1.9000e-004</b> | <b>0.0209</b> | <b>1.6000e-004</b> | <b>0.0211</b> | <b>5.5500e-003</b> | <b>1.5000e-004</b> | <b>5.7000e-003</b> | <b>0.0000</b> | <b>17.1287</b> | <b>17.1287</b> | <b>4.3000e-004</b> | <b>0.0000</b> | <b>17.1394</b> |

**Mitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category        | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |               |               |                    |               |               |
| Archit. Coating | 4.1372        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road        | 3.1600e-003   | 0.0213        | 0.0317        | 5.0000e-005        |               | 1.0700e-003        | 1.0700e-003        |                | 1.0700e-003        | 1.0700e-003        | 0.0000        | 4.4682        | 4.4682        | 2.5000e-004        | 0.0000        | 4.4745        |
| <b>Total</b>    | <b>4.1404</b> | <b>0.0213</b> | <b>0.0317</b> | <b>5.0000e-005</b> |               | <b>1.0700e-003</b> | <b>1.0700e-003</b> |                | <b>1.0700e-003</b> | <b>1.0700e-003</b> | <b>0.0000</b> | <b>4.4682</b> | <b>4.4682</b> | <b>2.5000e-004</b> | <b>0.0000</b> | <b>4.4745</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**3.7 Architectural Coating - 2024****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr            |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |                |                |                    |               |                |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       | 7.4800e-003        | 4.9300e-003        | 0.0596        | 1.9000e-004        | 0.0209        | 1.6000e-004        | 0.0211        | 5.5500e-003        | 1.5000e-004        | 5.7000e-003        | 0.0000        | 17.1287        | 17.1287        | 4.3000e-004        | 0.0000        | 17.1394        |
| <b>Total</b> | <b>7.4800e-003</b> | <b>4.9300e-003</b> | <b>0.0596</b> | <b>1.9000e-004</b> | <b>0.0209</b> | <b>1.6000e-004</b> | <b>0.0211</b> | <b>5.5500e-003</b> | <b>1.5000e-004</b> | <b>5.7000e-003</b> | <b>0.0000</b> | <b>17.1287</b> | <b>17.1287</b> | <b>4.3000e-004</b> | <b>0.0000</b> | <b>17.1394</b> |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|             | ROG     | NOx    | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4    | N2O    | CO2e           |
|-------------|---------|--------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------|--------|----------------|
| Category    | tons/yr |        |         |        |               |              |            |                |               |             | MT/yr    |                |                |        |        |                |
| Mitigated   | 1.5857  | 7.9962 | 19.1834 | 0.0821 | 7.7979        | 0.0580       | 7.8559     | 2.0895         | 0.0539        | 2.1434      | 0.0000   | 7,620.498<br>6 | 7,620.498<br>6 | 0.3407 | 0.0000 | 7,629.016<br>2 |
| Unmitigated | 1.5857  | 7.9962 | 19.1834 | 0.0821 | 7.7979        | 0.0580       | 7.8559     | 2.0895         | 0.0539        | 2.1434      | 0.0000   | 7,620.498<br>6 | 7,620.498<br>6 | 0.3407 | 0.0000 | 7,629.016<br>2 |

## 4.2 Trip Summary Information

| Land Use                            | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
|                                     | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments Low Rise                 | 145.75                  | 154.25   | 154.00   | 506,227     | 506,227    |
| Apartments Mid Rise                 | 4,026.75                | 3,773.25 | 4075.50  | 13,660,065  | 13,660,065 |
| General Office Building             | 288.45                  | 62.55    | 31.05    | 706,812     | 706,812    |
| High Turnover (Sit Down Restaurant) | 2,368.80                | 2,873.52 | 2817.72  | 3,413,937   | 3,413,937  |
| Hotel                               | 192.00                  | 187.50   | 160.00   | 445,703     | 445,703    |
| Quality Restaurant                  | 501.12                  | 511.92   | 461.20   | 707,488     | 707,488    |
| Regional Shopping Center            | 528.08                  | 601.44   | 357.84   | 1,112,221   | 1,112,221  |
| Total                               | 8,050.95                | 8,164.43 | 8,057.31 | 20,552,452  | 20,552,452 |

## 4.3 Trip Type Information

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

| 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 |
| Apartments Low Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Apartments Mid Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| General Office Building  | 16.60      | 8.40       | 6.90        | 33.00      | 48.00      | 19.00       | 77             | 19       | 4       |
| High Turnover (Sit Down  | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Hotel                    | 16.60      | 8.40       | 6.90        | 19.40      | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant       | 16.60      | 8.40       | 6.90        | 12.00      | 69.00      | 19.00       | 38             | 18       | 44      |
| Regional Shopping Center | 16.60      | 8.40       | 6.90        | 16.30      | 64.70      | 19.00       | 54             | 35       | 11      |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Apartments Mid Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| General Office Building             | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| High Turnover (Sit Down Restaurant) | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Hotel                               | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Quality Restaurant                  | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Regional Shopping Center            | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |

## 5.0 Energy Detail

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Historical Energy Use: N

## 5.1 Mitigation Measures Energy

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|                         | ROG     | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|-------------------------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category                | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| Electricity Mitigated   |         |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 2,512.6465 | 2,512.6465 | 0.1037 | 0.0215 | 2,521.6356 |
| Electricity Unmitigated |         |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 2,512.6465 | 2,512.6465 | 0.1037 | 0.0215 | 2,521.6356 |
| NaturalGas Mitigated    | 0.1398  | 1.2312 | 0.7770 | 7.6200e-003 |               | 0.0966       | 0.0966     |                | 0.0966        | 0.0966      | 0.0000   | 1,383.4267 | 1,383.4267 | 0.0265 | 0.0254 | 1,391.6478 |
| NaturalGas Unmitigated  | 0.1398  | 1.2312 | 0.7770 | 7.6200e-003 |               | 0.0966       | 0.0966     |                | 0.0966        | 0.0966      | 0.0000   | 1,383.4267 | 1,383.4267 | 0.0265 | 0.0254 | 1,391.6478 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                   |                   |               |               |                   |
| Apartments Low Rise                 | 408494         | 2.2000e-003   | 0.0188        | 8.0100e-003   | 1.2000e-004        |               | 1.5200e-003   | 1.5200e-003   |                | 1.5200e-003   | 1.5200e-003   | 0.0000        | 21.7988           | 21.7988           | 4.2000e-004   | 4.0000e-004   | 21.9284           |
| Apartments Mid Rise                 | 1.30613e+007   | 0.0704        | 0.6018        | 0.2561        | 3.8400e-003        |               | 0.0487        | 0.0487        |                | 0.0487        | 0.0487        | 0.0000        | 696.9989          | 696.9989          | 0.0134        | 0.0128        | 701.1408          |
| General Office Building             | 468450         | 2.5300e-003   | 0.0230        | 0.0193        | 1.4000e-004        |               | 1.7500e-003   | 1.7500e-003   |                | 1.7500e-003   | 1.7500e-003   | 0.0000        | 24.9983           | 24.9983           | 4.8000e-004   | 4.6000e-004   | 25.1468           |
| High Turnover (Sit Down Restaurant) | 8.30736e+006   | 0.0448        | 0.4072        | 0.3421        | 2.4400e-003        |               | 0.0310        | 0.0310        |                | 0.0310        | 0.0310        | 0.0000        | 443.3124          | 443.3124          | 8.5000e-003   | 8.1300e-003   | 445.9468          |
| Hotel                               | 1.74095e+006   | 9.3900e-003   | 0.0853        | 0.0717        | 5.1000e-004        |               | 6.4900e-003   | 6.4900e-003   |                | 6.4900e-003   | 6.4900e-003   | 0.0000        | 92.9036           | 92.9036           | 1.7800e-003   | 1.7000e-003   | 93.4557           |
| Quality Restaurant                  | 1.84608e+006   | 9.9500e-003   | 0.0905        | 0.0760        | 5.4000e-004        |               | 6.8800e-003   | 6.8800e-003   |                | 6.8800e-003   | 6.8800e-003   | 0.0000        | 98.5139           | 98.5139           | 1.8900e-003   | 1.8100e-003   | 99.0993           |
| Regional Shopping Center            | 91840          | 5.0000e-004   | 4.5000e-003   | 3.7800e-003   | 3.0000e-005        |               | 3.4000e-004   | 3.4000e-004   |                | 3.4000e-004   | 3.4000e-004   | 0.0000        | 4.9009            | 4.9009            | 9.0000e-005   | 9.0000e-005   | 4.9301            |
| <b>Total</b>                        |                | <b>0.1398</b> | <b>1.2312</b> | <b>0.7770</b> | <b>7.6200e-003</b> |               | <b>0.0966</b> | <b>0.0966</b> |                | <b>0.0966</b> | <b>0.0966</b> | <b>0.0000</b> | <b>1,383.4268</b> | <b>1,383.4268</b> | <b>0.0265</b> | <b>0.0254</b> | <b>1,391.6478</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                   |                   |               |               |                   |
| Apartments Low Rise                 | 408494         | 2.2000e-003   | 0.0188        | 8.0100e-003   | 1.2000e-004        |               | 1.5200e-003   | 1.5200e-003   |                | 1.5200e-003   | 1.5200e-003   | 0.0000        | 21.7988           | 21.7988           | 4.2000e-004   | 4.0000e-004   | 21.9284           |
| Apartments Mid Rise                 | 1.30613e+007   | 0.0704        | 0.6018        | 0.2561        | 3.8400e-003        |               | 0.0487        | 0.0487        |                | 0.0487        | 0.0487        | 0.0000        | 696.9989          | 696.9989          | 0.0134        | 0.0128        | 701.1408          |
| General Office Building             | 468450         | 2.5300e-003   | 0.0230        | 0.0193        | 1.4000e-004        |               | 1.7500e-003   | 1.7500e-003   |                | 1.7500e-003   | 1.7500e-003   | 0.0000        | 24.9983           | 24.9983           | 4.8000e-004   | 4.6000e-004   | 25.1468           |
| High Turnover (Sit Down Restaurant) | 8.30736e+006   | 0.0448        | 0.4072        | 0.3421        | 2.4400e-003        |               | 0.0310        | 0.0310        |                | 0.0310        | 0.0310        | 0.0000        | 443.3124          | 443.3124          | 8.5000e-003   | 8.1300e-003   | 445.9468          |
| Hotel                               | 1.74095e+006   | 9.3900e-003   | 0.0853        | 0.0717        | 5.1000e-004        |               | 6.4900e-003   | 6.4900e-003   |                | 6.4900e-003   | 6.4900e-003   | 0.0000        | 92.9036           | 92.9036           | 1.7800e-003   | 1.7000e-003   | 93.4557           |
| Quality Restaurant                  | 1.84608e+006   | 9.9500e-003   | 0.0905        | 0.0760        | 5.4000e-004        |               | 6.8800e-003   | 6.8800e-003   |                | 6.8800e-003   | 6.8800e-003   | 0.0000        | 98.5139           | 98.5139           | 1.8900e-003   | 1.8100e-003   | 99.0993           |
| Regional Shopping Center            | 91840          | 5.0000e-004   | 4.5000e-003   | 3.7800e-003   | 3.0000e-005        |               | 3.4000e-004   | 3.4000e-004   |                | 3.4000e-004   | 3.4000e-004   | 0.0000        | 4.9009            | 4.9009            | 9.0000e-005   | 9.0000e-005   | 4.9301            |
| <b>Total</b>                        |                | <b>0.1398</b> | <b>1.2312</b> | <b>0.7770</b> | <b>7.6200e-003</b> |               | <b>0.0966</b> | <b>0.0966</b> |                | <b>0.0966</b> | <b>0.0966</b> | <b>0.0000</b> | <b>1,383.4268</b> | <b>1,383.4268</b> | <b>0.0265</b> | <b>0.0254</b> | <b>1,391.6478</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**5.3 Energy by Land Use - Electricity****Unmitigated**

|                                     | Electricity Use | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kWh/yr          | MT/yr             |               |               |                   |
| Apartments Low Rise                 | 106010          | 33.7770           | 1.3900e-003   | 2.9000e-004   | 33.8978           |
| Apartments Mid Rise                 | 3.94697e+006    | 1,257.5879        | 0.0519        | 0.0107        | 1,262.0869        |
| General Office Building             | 584550          | 186.2502          | 7.6900e-003   | 1.5900e-003   | 186.9165          |
| High Turnover (Sit Down Restaurant) | 1.58904e+006    | 506.3022          | 0.0209        | 4.3200e-003   | 508.1135          |
| Hotel                               | 550308          | 175.3399          | 7.2400e-003   | 1.5000e-003   | 175.9672          |
| Quality Restaurant                  | 353120          | 112.5116          | 4.6500e-003   | 9.6000e-004   | 112.9141          |
| Regional Shopping Center            | 756000          | 240.8778          | 9.9400e-003   | 2.0600e-003   | 241.7395          |
| <b>Total</b>                        |                 | <b>2,512.6465</b> | <b>0.1037</b> | <b>0.0215</b> | <b>2,521.6356</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**5.3 Energy by Land Use - Electricity****Mitigated**

|                                     | Electricity Use | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|-----------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kWh/yr          | MT/yr             |               |               |                   |
| Apartments Low Rise                 | 106010          | 33.7770           | 1.3900e-003   | 2.9000e-004   | 33.8978           |
| Apartments Mid Rise                 | 3.94697e+006    | 1,257.5879        | 0.0519        | 0.0107        | 1,262.0869        |
| General Office Building             | 584550          | 186.2502          | 7.6900e-003   | 1.5900e-003   | 186.9165          |
| High Turnover (Sit Down Restaurant) | 1.58904e+006    | 506.3022          | 0.0209        | 4.3200e-003   | 508.1135          |
| Hotel                               | 550308          | 175.3399          | 7.2400e-003   | 1.5000e-003   | 175.9672          |
| Quality Restaurant                  | 353120          | 112.5116          | 4.6500e-003   | 9.6000e-004   | 112.9141          |
| Regional Shopping Center            | 756000          | 240.8778          | 9.9400e-003   | 2.0600e-003   | 241.7395          |
| <b>Total</b>                        |                 | <b>2,512.6465</b> | <b>0.1037</b> | <b>0.0215</b> | <b>2,521.6356</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|             | ROG     | NOx    | CO      | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4    | N2O         | CO2e     |
|-------------|---------|--------|---------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|-------------|----------|
| Category    | tons/yr |        |         |             |               |              |            |                |               |             | MT/yr    |           |           |        |             |          |
| Mitigated   | 5.1437  | 0.2950 | 10.3804 | 1.6700e-003 |               | 0.0714       | 0.0714     |                | 0.0714        | 0.0714      | 0.0000   | 220.9670  | 220.9670  | 0.0201 | 3.7400e-003 | 222.5835 |
| Unmitigated | 5.1437  | 0.2950 | 10.3804 | 1.6700e-003 |               | 0.0714       | 0.0714     |                | 0.0714        | 0.0714      | 0.0000   | 220.9670  | 220.9670  | 0.0201 | 3.7400e-003 | 222.5835 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG           | NOx           | CO             | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O                | CO2e            |
|-----------------------|---------------|---------------|----------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|--------------------|-----------------|
| SubCategory           | tons/yr       |               |                |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |                    |                 |
| Architectural Coating | 0.4137        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Consumer Products     | 4.3998        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Hearth                | 0.0206        | 0.1763        | 0.0750         | 1.1200e-003        |               | 0.0143        | 0.0143        |                | 0.0143        | 0.0143        | 0.0000        | 204.1166        | 204.1166        | 3.9100e-003   | 3.7400e-003        | 205.3295        |
| Landscaping           | 0.3096        | 0.1187        | 10.3054        | 5.4000e-004        |               | 0.0572        | 0.0572        |                | 0.0572        | 0.0572        | 0.0000        | 16.8504         | 16.8504         | 0.0161        | 0.0000             | 17.2540         |
| <b>Total</b>          | <b>5.1437</b> | <b>0.2950</b> | <b>10.3804</b> | <b>1.6600e-003</b> |               | <b>0.0714</b> | <b>0.0714</b> |                | <b>0.0714</b> | <b>0.0714</b> | <b>0.0000</b> | <b>220.9670</b> | <b>220.9670</b> | <b>0.0201</b> | <b>3.7400e-003</b> | <b>222.5835</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**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           | tons/yr       |               |                |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |                    |                 |
| Architectural Coating | 0.4137        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Consumer Products     | 4.3998        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000             | 0.0000          |
| Hearth                | 0.0206        | 0.1763        | 0.0750         | 1.1200e-003        |               | 0.0143        | 0.0143        |                | 0.0143        | 0.0143        | 0.0000        | 204.1166        | 204.1166        | 3.9100e-003   | 3.7400e-003        | 205.3295        |
| Landscaping           | 0.3096        | 0.1187        | 10.3054        | 5.4000e-004        |               | 0.0572        | 0.0572        |                | 0.0572        | 0.0572        | 0.0000        | 16.8504         | 16.8504         | 0.0161        | 0.0000             | 17.2540         |
| <b>Total</b>          | <b>5.1437</b> | <b>0.2950</b> | <b>10.3804</b> | <b>1.6600e-003</b> |               | <b>0.0714</b> | <b>0.0714</b> |                | <b>0.0714</b> | <b>0.0714</b> | <b>0.0000</b> | <b>220.9670</b> | <b>220.9670</b> | <b>0.0201</b> | <b>3.7400e-003</b> | <b>222.5835</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

|             | Total CO2 | CH4    | N2O    | CO2e     |
|-------------|-----------|--------|--------|----------|
| Category    | MT/yr     |        |        |          |
| Mitigated   | 585.8052  | 3.0183 | 0.0755 | 683.7567 |
| Unmitigated | 585.8052  | 3.0183 | 0.0755 | 683.7567 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**7.2 Water by Land Use****Unmitigated**

|                                     | Indoor/Outdoor Use | Total CO2       | CH4           | N2O           | CO2e            |
|-------------------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use                            | Mgal               | MT/yr           |               |               |                 |
| Apartments Low Rise                 | 1.62885 / 1.02688  | 10.9095         | 0.0535        | 1.3400e-003   | 12.6471         |
| Apartments Mid Rise                 | 63.5252 / 40.0485  | 425.4719        | 2.0867        | 0.0523        | 493.2363        |
| General Office Building             | 7.99802 / 4.90201  | 53.0719         | 0.2627        | 6.5900e-003   | 61.6019         |
| High Turnover (Sit Down Restaurant) | 10.9272 / 0.697482 | 51.2702         | 0.3580        | 8.8200e-003   | 62.8482         |
| Hotel                               | 1.26834 / 0.140927 | 6.1633          | 0.0416        | 1.0300e-003   | 7.5079          |
| Quality Restaurant                  | 2.42827 / 0.154996 | 11.3934         | 0.0796        | 1.9600e-003   | 13.9663         |
| Regional Shopping Center            | 4.14806 / 2.54236  | 27.5250         | 0.1363        | 3.4200e-003   | 31.9490         |
| <b>Total</b>                        |                    | <b>585.8052</b> | <b>3.0183</b> | <b>0.0755</b> | <b>683.7567</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**7.2 Water by Land Use****Mitigated**

|                                     | Indoor/Outdoor Use | Total CO2       | CH4           | N2O           | CO2e            |
|-------------------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use                            | Mgal               | MT/yr           |               |               |                 |
| Apartments Low Rise                 | 1.62885 / 1.02688  | 10.9095         | 0.0535        | 1.3400e-003   | 12.6471         |
| Apartments Mid Rise                 | 63.5252 / 40.0485  | 425.4719        | 2.0867        | 0.0523        | 493.2363        |
| General Office Building             | 7.99802 / 4.90201  | 53.0719         | 0.2627        | 6.5900e-003   | 61.6019         |
| High Turnover (Sit Down Restaurant) | 10.9272 / 0.697482 | 51.2702         | 0.3580        | 8.8200e-003   | 62.8482         |
| Hotel                               | 1.26834 / 0.140927 | 6.1633          | 0.0416        | 1.0300e-003   | 7.5079          |
| Quality Restaurant                  | 2.42827 / 0.154996 | 11.3934         | 0.0796        | 1.9600e-003   | 13.9663         |
| Regional Shopping Center            | 4.14806 / 2.54236  | 27.5250         | 0.1363        | 3.4200e-003   | 31.9490         |
| <b>Total</b>                        |                    | <b>585.8052</b> | <b>3.0183</b> | <b>0.0755</b> | <b>683.7567</b> |

**8.0 Waste Detail****8.1 Mitigation Measures Waste**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**Category/Year**

|             | Total CO2 | CH4     | N2O    | CO2e     |
|-------------|-----------|---------|--------|----------|
|             | MT/yr     |         |        |          |
| Mitigated   | 207.8079  | 12.2811 | 0.0000 | 514.8354 |
| Unmitigated | 207.8079  | 12.2811 | 0.0000 | 514.8354 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**8.2 Waste by Land Use****Unmitigated**

|                                     | Waste Disposed | Total CO2       | CH4            | N2O           | CO2e            |
|-------------------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use                            | tons           | MT/yr           |                |               |                 |
| Apartments Low Rise                 | 11.5           | 2.3344          | 0.1380         | 0.0000        | 5.7834          |
| Apartments Mid Rise                 | 448.5          | 91.0415         | 5.3804         | 0.0000        | 225.5513        |
| General Office Building             | 41.85          | 8.4952          | 0.5021         | 0.0000        | 21.0464         |
| High Turnover (Sit Down Restaurant) | 428.4          | 86.9613         | 5.1393         | 0.0000        | 215.4430        |
| Hotel                               | 27.38          | 5.5579          | 0.3285         | 0.0000        | 13.7694         |
| Quality Restaurant                  | 7.3            | 1.4818          | 0.0876         | 0.0000        | 3.6712          |
| Regional Shopping Center            | 58.8           | 11.9359         | 0.7054         | 0.0000        | 29.5706         |
| <b>Total</b>                        |                | <b>207.8079</b> | <b>12.2811</b> | <b>0.0000</b> | <b>514.8354</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**8.2 Waste by Land Use****Mitigated**

|                                     | Waste Disposed | Total CO2       | CH4            | N2O           | CO2e            |
|-------------------------------------|----------------|-----------------|----------------|---------------|-----------------|
| Land Use                            | tons           | MT/yr           |                |               |                 |
| Apartments Low Rise                 | 11.5           | 2.3344          | 0.1380         | 0.0000        | 5.7834          |
| Apartments Mid Rise                 | 448.5          | 91.0415         | 5.3804         | 0.0000        | 225.5513        |
| General Office Building             | 41.85          | 8.4952          | 0.5021         | 0.0000        | 21.0464         |
| High Turnover (Sit Down Restaurant) | 428.4          | 86.9613         | 5.1393         | 0.0000        | 215.4430        |
| Hotel                               | 27.38          | 5.5579          | 0.3285         | 0.0000        | 13.7694         |
| Quality Restaurant                  | 7.3            | 1.4818          | 0.0876         | 0.0000        | 3.6712          |
| Regional Shopping Center            | 58.8           | 11.9359         | 0.7054         | 0.0000        | 29.5706         |
| <b>Total</b>                        |                | <b>207.8079</b> | <b>12.2811</b> | <b>0.0000</b> | <b>514.8354</b> |

**9.0 Operational Offroad**

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

**10.0 Stationary Equipment****Fire Pumps and Emergency Generators**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

## Village South Specific Plan (Proposed)

### Los Angeles-South Coast County, Summer

## 1.0 Project Characteristics

### 1.1 Land Usage

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| General Office Building             | 45.00  | 1000sqft      | 1.03        | 45,000.00          | 0          |
| High Turnover (Sit Down Restaurant) | 36.00  | 1000sqft      | 0.83        | 36,000.00          | 0          |
| Hotel                               | 50.00  | Room          | 1.67        | 72,600.00          | 0          |
| Quality Restaurant                  | 8.00   | 1000sqft      | 0.18        | 8,000.00           | 0          |
| Apartments Low Rise                 | 25.00  | Dwelling Unit | 1.56        | 25,000.00          | 72         |
| Apartments Mid Rise                 | 975.00 | Dwelling Unit | 25.66       | 975,000.00         | 2789       |
| Regional Shopping Center            | 56.00  | 1000sqft      | 1.29        | 56,000.00          | 0          |

### 1.2 Other Project Characteristics

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>             | 9                          |                                 |       | <b>Operational Year</b>          | 2028  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 702.44                     | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

| Table Name      | Column Name       | Default Value | New Value |
|-----------------|-------------------|---------------|-----------|
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | NumberWood        | 1.25          | 0.00      |
| tblFireplaces   | NumberWood        | 48.75         | 0.00      |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblVehicleTrips | ST_TR             | 7.16          | 6.17      |
| tblVehicleTrips | ST_TR             | 6.39          | 3.87      |
| tblVehicleTrips | ST_TR             | 2.46          | 1.39      |
| tblVehicleTrips | ST_TR             | 158.37        | 79.82     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

|                 |                    |        |       |
|-----------------|--------------------|--------|-------|
| tblVehicleTrips | ST_TR              | 8.19   | 3.75  |
| tblVehicleTrips | ST_TR              | 94.36  | 63.99 |
| tblVehicleTrips | ST_TR              | 49.97  | 10.74 |
| tblVehicleTrips | SU_TR              | 6.07   | 6.16  |
| tblVehicleTrips | SU_TR              | 5.86   | 4.18  |
| tblVehicleTrips | SU_TR              | 1.05   | 0.69  |
| tblVehicleTrips | SU_TR              | 131.84 | 78.27 |
| tblVehicleTrips | SU_TR              | 5.95   | 3.20  |
| tblVehicleTrips | SU_TR              | 72.16  | 57.65 |
| tblVehicleTrips | SU_TR              | 25.24  | 6.39  |
| tblVehicleTrips | WD_TR              | 6.59   | 5.83  |
| tblVehicleTrips | WD_TR              | 6.65   | 4.13  |
| tblVehicleTrips | WD_TR              | 11.03  | 6.41  |
| tblVehicleTrips | WD_TR              | 127.15 | 65.80 |
| tblVehicleTrips | WD_TR              | 8.17   | 3.84  |
| tblVehicleTrips | WD_TR              | 89.95  | 62.64 |
| tblVehicleTrips | WD_TR              | 42.70  | 9.43  |
| tblWoodstoves   | NumberCatalytic    | 1.25   | 0.00  |
| tblWoodstoves   | NumberCatalytic    | 48.75  | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 1.25   | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 48.75  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |

## 2.0 Emissions Summary

## Village South Specific Plan (Proposed) - Los Angeles-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   |                 |                 |        |        |                 |
| 2021    | 4.2561   | 46.4415 | 31.4494 | 0.0636 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 6,163.416<br>6  | 6,163.416<br>6  | 1.9475 | 0.0000 | 6,212.103<br>9  |
| 2022    | 4.5441   | 38.8811 | 40.8776 | 0.1240 | 8.8255        | 1.6361       | 10.4616    | 3.6369         | 1.5052        | 5.1421      | 0.0000   | 12,493.44<br>03 | 12,493.44<br>03 | 1.9485 | 0.0000 | 12,518.57<br>07 |
| 2023    | 4.1534   | 25.7658 | 38.7457 | 0.1206 | 7.0088        | 0.7592       | 7.7679     | 1.8799         | 0.7136        | 2.5935      | 0.0000   | 12,150.48<br>90 | 12,150.48<br>90 | 0.9589 | 0.0000 | 12,174.46<br>15 |
| 2024    | 237.0219 | 9.5478  | 14.9642 | 0.0239 | 1.2171        | 0.4694       | 1.2875     | 0.3229         | 0.4319        | 0.4621      | 0.0000   | 2,313.180<br>8  | 2,313.180<br>8  | 0.7166 | 0.0000 | 2,331.095<br>6  |
| Maximum | 237.0219 | 46.4415 | 40.8776 | 0.1240 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 12,493.44<br>03 | 12,493.44<br>03 | 1.9485 | 0.0000 | 12,518.57<br>07 |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

## 2.1 Overall Construction (Maximum Daily Emission)

### Mitigated Construction

|         | ROG      | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2   | Total CO2   | CH4    | N2O    | CO2e        |
|---------|----------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Year    | lb/day   |         |         |        |               |              |            |                |               |             | lb/day   |             |             |        |        |             |
| 2021    | 4.2561   | 46.4415 | 31.4494 | 0.0636 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 6,163.4166  | 6,163.4166  | 1.9475 | 0.0000 | 6,212.1039  |
| 2022    | 4.5441   | 38.8811 | 40.8776 | 0.1240 | 8.8255        | 1.6361       | 10.4616    | 3.6369         | 1.5052        | 5.1421      | 0.0000   | 12,493.4403 | 12,493.4403 | 1.9485 | 0.0000 | 12,518.5707 |
| 2023    | 4.1534   | 25.7658 | 38.7457 | 0.1206 | 7.0088        | 0.7592       | 7.7679     | 1.8799         | 0.7136        | 2.5935      | 0.0000   | 12,150.4890 | 12,150.4890 | 0.9589 | 0.0000 | 12,174.4615 |
| 2024    | 237.0219 | 9.5478  | 14.9642 | 0.0239 | 1.2171        | 0.4694       | 1.2875     | 0.3229         | 0.4319        | 0.4621      | 0.0000   | 2,313.1808  | 2,313.1808  | 0.7166 | 0.0000 | 2,331.0955  |
| Maximum | 237.0219 | 46.4415 | 40.8776 | 0.1240 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 12,493.4403 | 12,493.4403 | 1.9485 | 0.0000 | 12,518.5707 |

[illegible]

## Village South Specific Plan (Proposed) - Los Angeles-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         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.8489         | 45.4304        | 114.8495        | 0.4917        | 45.9592        | 0.3360        | 46.2951        | 12.2950        | 0.3119        | 12.6070        |               | 50,306.60<br>34         | 50,306.60<br>34         | 2.1807        |               | 50,361.12<br>08         |
| <b>Total</b> | <b>41.1168</b> | <b>67.2262</b> | <b>207.5497</b> | <b>0.6278</b> | <b>45.9592</b> | <b>2.4626</b> | <b>48.4217</b> | <b>12.2950</b> | <b>2.4385</b> | <b>14.7336</b> | <b>0.0000</b> | <b>76,811.18<br/>16</b> | <b>76,811.18<br/>16</b> | <b>2.8282</b> | <b>0.4832</b> | <b>77,025.87<br/>86</b> |

**Mitigated Operational**

|              | ROG            | NOx            | CO              | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2      | NBio- CO2               | Total CO2               | CH4           | N2O           | CO2e                    |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Category     | lb/day         |                |                 |               |                |               |                |                |               |                | lb/day        |                         |                         |               |               |                         |
| Area         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.8489         | 45.4304        | 114.8495        | 0.4917        | 45.9592        | 0.3360        | 46.2951        | 12.2950        | 0.3119        | 12.6070        |               | 50,306.60<br>34         | 50,306.60<br>34         | 2.1807        |               | 50,361.12<br>08         |
| <b>Total</b> | <b>41.1168</b> | <b>67.2262</b> | <b>207.5497</b> | <b>0.6278</b> | <b>45.9592</b> | <b>2.4626</b> | <b>48.4217</b> | <b>12.2950</b> | <b>2.4385</b> | <b>14.7336</b> | <b>0.0000</b> | <b>76,811.18<br/>16</b> | <b>76,811.18<br/>16</b> | <b>2.8282</b> | <b>0.4832</b> | <b>77,025.87<br/>86</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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

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#### Construction Phase

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 9/1/2021   | 10/12/2021 | 5             | 30       |                   |
| 2            | Site Preparation      | Site Preparation      | 10/13/2021 | 11/9/2021  | 5             | 20       |                   |
| 3            | Grading               | Grading               | 11/10/2021 | 1/11/2022  | 5             | 45       |                   |
| 4            | Building Construction | Building Construction | 1/12/2022  | 12/12/2023 | 5             | 500      |                   |
| 5            | Paving                | Paving                | 12/13/2023 | 1/30/2024  | 5             | 35       |                   |
| 6            | Architectural Coating | Architectural Coating | 1/31/2024  | 3/19/2024  | 5             | 35       |                   |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 112.5**

**Acres of Paving: 0**

**Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)**

#### OffRoad Equipment

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

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

Trips and VMT

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 458.00              | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 8                       | 20.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 9                       | 801.00             | 143.00             | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 6                       | 15.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 160.00             | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.1273        | 4.0952        | 0.9602        | 0.0119        | 0.2669        | 0.0126        | 0.2795        | 0.0732         | 0.0120        | 0.0852        |          | 1,292.241<br>3         | 1,292.241<br>3         | 0.0877        |     | 1,294.433<br>7         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Worker       | 0.0487        | 0.0313        | 0.4282        | 1.1800e-003   | 0.1141        | 9.5000e-004   | 0.1151        | 0.0303         | 8.8000e-004   | 0.0311        |          | 117.2799               | 117.2799               | 3.5200e-003   |     | 117.3678               |
| <b>Total</b> | <b>0.1760</b> | <b>4.1265</b> | <b>1.3884</b> | <b>0.0131</b> | <b>0.3810</b> | <b>0.0135</b> | <b>0.3946</b> | <b>0.1034</b>  | <b>0.0129</b> | <b>0.1163</b> |          | <b>1,409.521<br/>2</b> | <b>1,409.521<br/>2</b> | <b>0.0912</b> |     | <b>1,411.801<br/>5</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        | 0.0000        | 3,747.944<br>9         | 3,747.944<br>9         | 1.0549        |     | 3,774.317<br>4         |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> | <b>0.0000</b> | <b>3,747.944<br/>9</b> | <b>3,747.944<br/>9</b> | <b>1.0549</b> |     | <b>3,774.317<br/>4</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.1273        | 4.0952        | 0.9602        | 0.0119        | 0.2669        | 0.0126        | 0.2795        | 0.0732         | 0.0120        | 0.0852        |          | 1,292.241<br>3         | 1,292.241<br>3         | 0.0877        |     | 1,294.433<br>7         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Worker       | 0.0487        | 0.0313        | 0.4282        | 1.1800e-003   | 0.1141        | 9.5000e-004   | 0.1151        | 0.0303         | 8.8000e-004   | 0.0311        |          | 117.2799               | 117.2799               | 3.5200e-003   |     | 117.3678               |
| <b>Total</b> | <b>0.1760</b> | <b>4.1265</b> | <b>1.3884</b> | <b>0.0131</b> | <b>0.3810</b> | <b>0.0135</b> | <b>0.3946</b> | <b>0.1034</b>  | <b>0.0129</b> | <b>0.1163</b> |          | <b>1,409.521<br/>2</b> | <b>1,409.521<br/>2</b> | <b>0.0912</b> |     | <b>1,411.801<br/>5</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |                |               |                |                |               |                | lb/day   |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.656<br>9         | 3,685.656<br>9         | 1.1920        |     | 3,715.457<br>3         |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.656<br/>9</b> | <b>3,685.656<br/>9</b> | <b>1.1920</b> |     | <b>3,715.457<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0584        | 0.0375        | 0.5139        | 1.4100e-003        | 0.1369        | 1.1400e-003        | 0.1381        | 0.0363         | 1.0500e-003        | 0.0374        |          | 140.7359        | 140.7359        | 4.2200e-003        |     | 140.8414        |
| <b>Total</b> | <b>0.0584</b> | <b>0.0375</b> | <b>0.5139</b> | <b>1.4100e-003</b> | <b>0.1369</b> | <b>1.1400e-003</b> | <b>0.1381</b> | <b>0.0363</b>  | <b>1.0500e-003</b> | <b>0.0374</b> |          | <b>140.7359</b> | <b>140.7359</b> | <b>4.2200e-003</b> |     | <b>140.8414</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0584        | 0.0375        | 0.5139        | 1.4100e-003        | 0.1369        | 1.1400e-003        | 0.1381        | 0.0363         | 1.0500e-003        | 0.0374        |          | 140.7359        | 140.7359        | 4.2200e-003        |     | 140.8414        |
| <b>Total</b> | <b>0.0584</b> | <b>0.0375</b> | <b>0.5139</b> | <b>1.4100e-003</b> | <b>0.1369</b> | <b>1.1400e-003</b> | <b>0.1381</b> | <b>0.0363</b>  | <b>1.0500e-003</b> | <b>0.0374</b> |          | <b>140.7359</b> | <b>140.7359</b> | <b>4.2200e-003</b> |     | <b>140.8414</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        |          | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> |          | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0649        | 0.0417        | 0.5710        | 1.5700e-003        | 0.1521        | 1.2700e-003        | 0.1534        | 0.0404         | 1.1700e-003        | 0.0415        |          | 156.3732        | 156.3732        | 4.6900e-003        |     | 156.4904        |
| <b>Total</b> | <b>0.0649</b> | <b>0.0417</b> | <b>0.5710</b> | <b>1.5700e-003</b> | <b>0.1521</b> | <b>1.2700e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1700e-003</b> | <b>0.0415</b> |          | <b>156.3732</b> | <b>156.3732</b> | <b>4.6900e-003</b> |     | <b>156.4904</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        | 0.0000        | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> | <b>0.0000</b> | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0649        | 0.0417        | 0.5710        | 1.5700e-003        | 0.1521        | 1.2700e-003        | 0.1534        | 0.0404         | 1.1700e-003        | 0.0415        |          | 156.3732        | 156.3732        | 4.6900e-003        |     | 156.4904        |
| <b>Total</b> | <b>0.0649</b> | <b>0.0417</b> | <b>0.5710</b> | <b>1.5700e-003</b> | <b>0.1521</b> | <b>1.2700e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1700e-003</b> | <b>0.0415</b> |          | <b>156.3732</b> | <b>156.3732</b> | <b>4.6900e-003</b> |     | <b>156.4904</b> |

**3.4 Grading - 2022****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        |          | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> |          | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0607        | 0.0376        | 0.5263        | 1.5100e-003        | 0.1521        | 1.2300e-003        | 0.1534        | 0.0404         | 1.1300e-003        | 0.0415        |          | 150.8754        | 150.8754        | 4.2400e-003        |     | 150.9813        |
| <b>Total</b> | <b>0.0607</b> | <b>0.0376</b> | <b>0.5263</b> | <b>1.5100e-003</b> | <b>0.1521</b> | <b>1.2300e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1300e-003</b> | <b>0.0415</b> |          | <b>150.8754</b> | <b>150.8754</b> | <b>4.2400e-003</b> |     | <b>150.9813</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        | 0.0000        | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> | <b>0.0000</b> | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0607        | 0.0376        | 0.5263        | 1.5100e-003        | 0.1521        | 1.2300e-003        | 0.1534        | 0.0404         | 1.1300e-003        | 0.0415        |          | 150.8754        | 150.8754        | 4.2400e-003        |     | 150.9813        |
| <b>Total</b> | <b>0.0607</b> | <b>0.0376</b> | <b>0.5263</b> | <b>1.5100e-003</b> | <b>0.1521</b> | <b>1.2300e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1300e-003</b> | <b>0.0415</b> |          | <b>150.8754</b> | <b>150.8754</b> | <b>4.2400e-003</b> |     | <b>150.9813</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Vendor       | 0.4079        | 13.2032        | 3.4341         | 0.0364        | 0.9155        | 0.0248        | 0.9404        | 0.2636         | 0.0237        | 0.2873        |          | 3,896.548<br>2         | 3,896.548<br>2         | 0.2236        |     | 3,902.138<br>4         |
| Worker       | 2.4299        | 1.5074         | 21.0801        | 0.0607        | 6.0932        | 0.0493        | 6.1425        | 1.6163         | 0.0454        | 1.6617        |          | 6,042.558<br>5         | 6,042.558<br>5         | 0.1697        |     | 6,046.800<br>0         |
| <b>Total</b> | <b>2.8378</b> | <b>14.7106</b> | <b>24.5142</b> | <b>0.0971</b> | <b>7.0087</b> | <b>0.0741</b> | <b>7.0828</b> | <b>1.8799</b>  | <b>0.0691</b> | <b>1.9490</b> |          | <b>9,939.106<br/>7</b> | <b>9,939.106<br/>7</b> | <b>0.3933</b> |     | <b>9,948.938<br/>4</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 1.7062        | 15.6156        | 16.3634        | 0.0269        |               | 0.8090        | 0.8090        |                | 0.7612        | 0.7612        | 0.0000        | 2,554.333<br>6         | 2,554.333<br>6         | 0.6120        |     | 2,569.632<br>2         |
| <b>Total</b> | <b>1.7062</b> | <b>15.6156</b> | <b>16.3634</b> | <b>0.0269</b> |               | <b>0.8090</b> | <b>0.8090</b> |                | <b>0.7612</b> | <b>0.7612</b> | <b>0.0000</b> | <b>2,554.333<br/>6</b> | <b>2,554.333<br/>6</b> | <b>0.6120</b> |     | <b>2,569.632<br/>2</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Vendor       | 0.4079        | 13.2032        | 3.4341         | 0.0364        | 0.9155        | 0.0248        | 0.9404        | 0.2636         | 0.0237        | 0.2873        |          | 3,896.548<br>2         | 3,896.548<br>2         | 0.2236        |     | 3,902.138<br>4         |
| Worker       | 2.4299        | 1.5074         | 21.0801        | 0.0607        | 6.0932        | 0.0493        | 6.1425        | 1.6163         | 0.0454        | 1.6617        |          | 6,042.558<br>5         | 6,042.558<br>5         | 0.1697        |     | 6,046.800<br>0         |
| <b>Total</b> | <b>2.8378</b> | <b>14.7106</b> | <b>24.5142</b> | <b>0.0971</b> | <b>7.0087</b> | <b>0.0741</b> | <b>7.0828</b> | <b>1.8799</b>  | <b>0.0691</b> | <b>1.9490</b> |          | <b>9,939.106<br/>7</b> | <b>9,939.106<br/>7</b> | <b>0.3933</b> |     | <b>9,948.938<br/>4</b> |

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

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 1.5728        | 14.3849        | 16.2440        | 0.0269        |               | 0.6997        | 0.6997        |                | 0.6584        | 0.6584        |          | 2,555.209<br>9         | 2,555.209<br>9         | 0.6079        |     | 2,570.406<br>1         |
| <b>Total</b> | <b>1.5728</b> | <b>14.3849</b> | <b>16.2440</b> | <b>0.0269</b> |               | <b>0.6997</b> | <b>0.6997</b> |                | <b>0.6584</b> | <b>0.6584</b> |          | <b>2,555.209<br/>9</b> | <b>2,555.209<br/>9</b> | <b>0.6079</b> |     | <b>2,570.406<br/>1</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2023****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       | 0.3027        | 10.0181        | 3.1014         | 0.0352        | 0.9156        | 0.0116        | 0.9271        | 0.2636         | 0.0111        | 0.2747        |          | 3,773.876<br>2         | 3,773.876<br>2         | 0.1982        |     | 3,778.830<br>0         |
| Worker       | 2.2780        | 1.3628         | 19.4002        | 0.0584        | 6.0932        | 0.0479        | 6.1411        | 1.6163         | 0.0441        | 1.6604        |          | 5,821.402<br>8         | 5,821.402<br>8         | 0.1529        |     | 5,825.225<br>4         |
| <b>Total</b> | <b>2.5807</b> | <b>11.3809</b> | <b>22.5017</b> | <b>0.0936</b> | <b>7.0088</b> | <b>0.0595</b> | <b>7.0682</b> | <b>1.8799</b>  | <b>0.0552</b> | <b>1.9350</b> |          | <b>9,595.279<br/>0</b> | <b>9,595.279<br/>0</b> | <b>0.3511</b> |     | <b>9,604.055<br/>4</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 1.5728        | 14.3849        | 16.2440        | 0.0269        |               | 0.6997        | 0.6997        |                | 0.6584        | 0.6584        | 0.0000        | 2,555.209<br>9         | 2,555.209<br>9         | 0.6079        |     | 2,570.406<br>1         |
| <b>Total</b> | <b>1.5728</b> | <b>14.3849</b> | <b>16.2440</b> | <b>0.0269</b> |               | <b>0.6997</b> | <b>0.6997</b> |                | <b>0.6584</b> | <b>0.6584</b> | <b>0.0000</b> | <b>2,555.209<br/>9</b> | <b>2,555.209<br/>9</b> | <b>0.6079</b> |     | <b>2,570.406<br/>1</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2023****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       | 0.3027        | 10.0181        | 3.1014         | 0.0352        | 0.9156        | 0.0116        | 0.9271        | 0.2636         | 0.0111        | 0.2747        |          | 3,773.876<br>2         | 3,773.876<br>2         | 0.1982        |     | 3,778.830<br>0         |
| Worker       | 2.2780        | 1.3628         | 19.4002        | 0.0584        | 6.0932        | 0.0479        | 6.1411        | 1.6163         | 0.0441        | 1.6604        |          | 5,821.402<br>8         | 5,821.402<br>8         | 0.1529        |     | 5,825.225<br>4         |
| <b>Total</b> | <b>2.5807</b> | <b>11.3809</b> | <b>22.5017</b> | <b>0.0936</b> | <b>7.0088</b> | <b>0.0595</b> | <b>7.0682</b> | <b>1.8799</b>  | <b>0.0552</b> | <b>1.9350</b> |          | <b>9,595.279<br/>0</b> | <b>9,595.279<br/>0</b> | <b>0.3511</b> |     | <b>9,604.055<br/>4</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2023****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       | 0.0427        | 0.0255        | 0.3633        | 1.0900e-003        | 0.1141        | 9.0000e-004        | 0.1150        | 0.0303         | 8.3000e-004        | 0.0311        |          | 109.0150        | 109.0150        | 2.8600e-003        |     | 109.0866        |
| <b>Total</b> | <b>0.0427</b> | <b>0.0255</b> | <b>0.3633</b> | <b>1.0900e-003</b> | <b>0.1141</b> | <b>9.0000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.3000e-004</b> | <b>0.0311</b> |          | <b>109.0150</b> | <b>109.0150</b> | <b>2.8600e-003</b> |     | <b>109.0866</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2023****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       | 0.0427        | 0.0255        | 0.3633        | 1.0900e-003        | 0.1141        | 9.0000e-004        | 0.1150        | 0.0303         | 8.3000e-004        | 0.0311        |          | 109.0150        | 109.0150        | 2.8600e-003        |     | 109.0866        |
| <b>Total</b> | <b>0.0427</b> | <b>0.0255</b> | <b>0.3633</b> | <b>1.0900e-003</b> | <b>0.1141</b> | <b>9.0000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.3000e-004</b> | <b>0.0311</b> |          | <b>109.0150</b> | <b>109.0150</b> | <b>2.8600e-003</b> |     | <b>109.0866</b> |

**3.6 Paving - 2024****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        |          | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> |          | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2024****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       | 0.0403        | 0.0233        | 0.3384        | 1.0600e-003        | 0.1141        | 8.8000e-004        | 0.1150        | 0.0303         | 8.1000e-004        | 0.0311        |          | 105.6336        | 105.6336        | 2.6300e-003        |     | 105.6992        |
| <b>Total</b> | <b>0.0403</b> | <b>0.0233</b> | <b>0.3384</b> | <b>1.0600e-003</b> | <b>0.1141</b> | <b>8.8000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.1000e-004</b> | <b>0.0311</b> |          | <b>105.6336</b> | <b>105.6336</b> | <b>2.6300e-003</b> |     | <b>105.6992</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        | 0.0000        | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> | <b>0.0000</b> | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2024****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       | 0.0403        | 0.0233        | 0.3384        | 1.0600e-003        | 0.1141        | 8.8000e-004        | 0.1150        | 0.0303         | 8.1000e-004        | 0.0311        |          | 105.6336        | 105.6336        | 2.6300e-003        |     | 105.6992        |
| <b>Total</b> | <b>0.0403</b> | <b>0.0233</b> | <b>0.3384</b> | <b>1.0600e-003</b> | <b>0.1141</b> | <b>8.8000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.1000e-004</b> | <b>0.0311</b> |          | <b>105.6336</b> | <b>105.6336</b> | <b>2.6300e-003</b> |     | <b>105.6992</b> |

**3.7 Architectural Coating - 2024****Unmitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        |          | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2024****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       | 0.4296        | 0.2481        | 3.6098        | 0.0113        | 1.2171        | 9.4300e-003        | 1.2266        | 0.3229         | 8.6800e-003        | 0.3315        |          | 1,126.7583        | 1,126.7583        | 0.0280        |     | 1,127.4583        |
| <b>Total</b> | <b>0.4296</b> | <b>0.2481</b> | <b>3.6098</b> | <b>0.0113</b> | <b>1.2171</b> | <b>9.4300e-003</b> | <b>1.2266</b> | <b>0.3229</b>  | <b>8.6800e-003</b> | <b>0.3315</b> |          | <b>1,126.7583</b> | <b>1,126.7583</b> | <b>0.0280</b> |     | <b>1,127.4583</b> |

**Mitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        | 0.0000        | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2024****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       | 0.4296        | 0.2481        | 3.6098        | 0.0113        | 1.2171        | 9.4300e-003        | 1.2266        | 0.3229         | 8.6800e-003        | 0.3315        |          | 1,126.7583        | 1,126.7583        | 0.0280        |     | 1,127.4583        |
| <b>Total</b> | <b>0.4296</b> | <b>0.2481</b> | <b>3.6098</b> | <b>0.0113</b> | <b>1.2171</b> | <b>9.4300e-003</b> | <b>1.2266</b> | <b>0.3229</b>  | <b>8.6800e-003</b> | <b>0.3315</b> |          | <b>1,126.7583</b> | <b>1,126.7583</b> | <b>0.0280</b> |     | <b>1,127.4583</b> |

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

## Village South Specific Plan (Proposed) - Los Angeles-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   | 9.8489 | 45.4304 | 114.8495 | 0.4917 | 45.9592       | 0.3360       | 46.2951    | 12.2950        | 0.3119        | 12.6070     |          | 50,306.60<br>34 | 50,306.60<br>34 | 2.1807 |     | 50,361.12<br>08 |
| Unmitigated | 9.8489 | 45.4304 | 114.8495 | 0.4917 | 45.9592       | 0.3360       | 46.2951    | 12.2950        | 0.3119        | 12.6070     |          | 50,306.60<br>34 | 50,306.60<br>34 | 2.1807 |     | 50,361.12<br>08 |

## 4.2 Trip Summary Information

| Land Use                            | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
|                                     | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments Low Rise                 | 145.75                  | 154.25   | 154.00   | 506,227     | 506,227    |
| Apartments Mid Rise                 | 4,026.75                | 3,773.25 | 4075.50  | 13,660,065  | 13,660,065 |
| General Office Building             | 288.45                  | 62.55    | 31.05    | 706,812     | 706,812    |
| High Turnover (Sit Down Restaurant) | 2,368.80                | 2,873.52 | 2817.72  | 3,413,937   | 3,413,937  |
| Hotel                               | 192.00                  | 187.50   | 160.00   | 445,703     | 445,703    |
| Quality Restaurant                  | 501.12                  | 511.92   | 461.20   | 707,488     | 707,488    |
| Regional Shopping Center            | 528.08                  | 601.44   | 357.84   | 1,112,221   | 1,112,221  |
| Total                               | 8,050.95                | 8,164.43 | 8,057.31 | 20,552,452  | 20,552,452 |

## 4.3 Trip Type Information

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

| Land Use                 | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|--------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
|                          | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary        | Diverted | Pass-by |
| Apartments Low Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Apartments Mid Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| General Office Building  | 16.60      | 8.40       | 6.90        | 33.00      | 48.00      | 19.00       | 77             | 19       | 4       |
| High Turnover (Sit Down  | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Hotel                    | 16.60      | 8.40       | 6.90        | 19.40      | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant       | 16.60      | 8.40       | 6.90        | 12.00      | 69.00      | 19.00       | 38             | 18       | 44      |
| Regional Shopping Center | 16.60      | 8.40       | 6.90        | 16.30      | 64.70      | 19.00       | 54             | 35       | 11      |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Apartments Mid Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| General Office Building             | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| High Turnover (Sit Down Restaurant) | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Hotel                               | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Quality Restaurant                  | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Regional Shopping Center            | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |

## 5.0 Energy Detail

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Historical Energy Use: N

## 5.1 Mitigation Measures Energy

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## Village South Specific Plan (Proposed) - Los Angeles-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   |                |                |        |        |                |
| NaturalGas Mitigated   | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |
| NaturalGas Unmitigated | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |

## Village South Specific Plan (Proposed) - Los Angeles-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   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1119.16        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35784.3        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1283.42        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22759.9        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4769.72        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5057.75        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 251.616        | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1.11916        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35.7843        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1.28342        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22.7599        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4.76972        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5.05775        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 0.251616       | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## Village South Specific Plan (Proposed) - Los Angeles-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   | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |
| Unmitigated | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|-----------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day        |                    |                    |               |               |                    |
| Architectural Coating | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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 | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

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

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

**10.0 Stationary Equipment**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**Village South Specific Plan (Proposed)****Los Angeles-South Coast County, Winter****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| General Office Building             | 45.00  | 1000sqft      | 1.03        | 45,000.00          | 0          |
| High Turnover (Sit Down Restaurant) | 36.00  | 1000sqft      | 0.83        | 36,000.00          | 0          |
| Hotel                               | 50.00  | Room          | 1.67        | 72,600.00          | 0          |
| Quality Restaurant                  | 8.00   | 1000sqft      | 0.18        | 8,000.00           | 0          |
| Apartments Low Rise                 | 25.00  | Dwelling Unit | 1.56        | 25,000.00          | 72         |
| Apartments Mid Rise                 | 975.00 | Dwelling Unit | 25.66       | 975,000.00         | 2789       |
| Regional Shopping Center            | 56.00  | 1000sqft      | 1.29        | 56,000.00          | 0          |

**1.2 Other Project Characteristics**

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>             | 9                          |                                 |       | <b>Operational Year</b>          | 2028  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 702.44                     | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

| Table Name      | Column Name       | Default Value | New Value |
|-----------------|-------------------|---------------|-----------|
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | FireplaceWoodMass | 1,019.20      | 0.00      |
| tblFireplaces   | NumberWood        | 1.25          | 0.00      |
| tblFireplaces   | NumberWood        | 48.75         | 0.00      |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblTripsAndVMT  | WorkerTripLength  | 14.70         | 10.00     |
| tblVehicleTrips | ST_TR             | 7.16          | 6.17      |
| tblVehicleTrips | ST_TR             | 6.39          | 3.87      |
| tblVehicleTrips | ST_TR             | 2.46          | 1.39      |
| tblVehicleTrips | ST_TR             | 158.37        | 79.82     |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

|                 |                    |        |       |
|-----------------|--------------------|--------|-------|
| tblVehicleTrips | ST_TR              | 8.19   | 3.75  |
| tblVehicleTrips | ST_TR              | 94.36  | 63.99 |
| tblVehicleTrips | ST_TR              | 49.97  | 10.74 |
| tblVehicleTrips | SU_TR              | 6.07   | 6.16  |
| tblVehicleTrips | SU_TR              | 5.86   | 4.18  |
| tblVehicleTrips | SU_TR              | 1.05   | 0.69  |
| tblVehicleTrips | SU_TR              | 131.84 | 78.27 |
| tblVehicleTrips | SU_TR              | 5.95   | 3.20  |
| tblVehicleTrips | SU_TR              | 72.16  | 57.65 |
| tblVehicleTrips | SU_TR              | 25.24  | 6.39  |
| tblVehicleTrips | WD_TR              | 6.59   | 5.83  |
| tblVehicleTrips | WD_TR              | 6.65   | 4.13  |
| tblVehicleTrips | WD_TR              | 11.03  | 6.41  |
| tblVehicleTrips | WD_TR              | 127.15 | 65.80 |
| tblVehicleTrips | WD_TR              | 8.17   | 3.84  |
| tblVehicleTrips | WD_TR              | 89.95  | 62.64 |
| tblVehicleTrips | WD_TR              | 42.70  | 9.43  |
| tblWoodstoves   | NumberCatalytic    | 1.25   | 0.00  |
| tblWoodstoves   | NumberCatalytic    | 48.75  | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 1.25   | 0.00  |
| tblWoodstoves   | NumberNoncatalytic | 48.75  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveDayYear   | 25.00  | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |
| tblWoodstoves   | WoodstoveWoodMass  | 999.60 | 0.00  |

## 2.0 Emissions Summary

## Village South Specific Plan (Proposed) - Los Angeles-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   |             |             |        |        |             |
| 2021    | 4.2621   | 46.4460 | 31.4068 | 0.0635 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 6,154.3377  | 6,154.3377  | 1.9472 | 0.0000 | 6,203.0186  |
| 2022    | 4.7966   | 38.8851 | 39.6338 | 0.1195 | 8.8255        | 1.6361       | 10.4616    | 3.6369         | 1.5052        | 5.1421      | 0.0000   | 12,035.3440 | 12,035.3440 | 1.9482 | 0.0000 | 12,060.6013 |
| 2023    | 4.3939   | 25.8648 | 37.5031 | 0.1162 | 7.0088        | 0.7598       | 7.7685     | 1.8799         | 0.7142        | 2.5940      | 0.0000   | 11,710.4080 | 11,710.4080 | 0.9617 | 0.0000 | 11,734.4497 |
| 2024    | 237.0656 | 9.5503  | 14.9372 | 0.0238 | 1.2171        | 0.4694       | 1.2875     | 0.3229         | 0.4319        | 0.4621      | 0.0000   | 2,307.0517  | 2,307.0517  | 0.7164 | 0.0000 | 2,324.9627  |
| Maximum | 237.0656 | 46.4460 | 39.6338 | 0.1195 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 12,035.3440 | 12,035.3440 | 1.9482 | 0.0000 | 12,060.6013 |

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

## 2.1 Overall Construction (Maximum Daily Emission)

### Mitigated Construction

|         | ROG      | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2   | Total CO2   | CH4    | N2O    | CO2e        |
|---------|----------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Year    | lb/day   |         |         |        |               |              |            |                |               |             | lb/day   |             |             |        |        |             |
| 2021    | 4.2621   | 46.4460 | 31.4068 | 0.0635 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 6,154.3377  | 6,154.3377  | 1.9472 | 0.0000 | 6,203.0186  |
| 2022    | 4.7966   | 38.8851 | 39.6338 | 0.1195 | 8.8255        | 1.6361       | 10.4616    | 3.6369         | 1.5052        | 5.1421      | 0.0000   | 12,035.3440 | 12,035.3440 | 1.9482 | 0.0000 | 12,060.6013 |
| 2023    | 4.3939   | 25.8648 | 37.5031 | 0.1162 | 7.0088        | 0.7598       | 7.7685     | 1.8799         | 0.7142        | 2.5940      | 0.0000   | 11,710.4080 | 11,710.4080 | 0.9617 | 0.0000 | 11,734.4497 |
| 2024    | 237.0656 | 9.5503  | 14.9372 | 0.0238 | 1.2171        | 0.4694       | 1.2875     | 0.3229         | 0.4319        | 0.4621      | 0.0000   | 2,307.0517  | 2,307.0517  | 0.7164 | 0.0000 | 2,324.9627  |
| Maximum | 237.0656 | 46.4460 | 39.6338 | 0.1195 | 18.2032       | 2.0456       | 20.2488    | 9.9670         | 1.8820        | 11.8490     | 0.0000   | 12,035.3440 | 12,035.3440 | 1.9482 | 0.0000 | 12,060.6013 |

[illegible]

## Village South Specific Plan (Proposed) - Los Angeles-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         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.5233         | 45.9914        | 110.0422        | 0.4681        | 45.9592        | 0.3373        | 46.2965        | 12.2950        | 0.3132        | 12.6083        |               | 47,917.80<br>05         | 47,917.80<br>05         | 2.1953        |               | 47,972.68<br>39         |
| <b>Total</b> | <b>40.7912</b> | <b>67.7872</b> | <b>202.7424</b> | <b>0.6043</b> | <b>45.9592</b> | <b>2.4640</b> | <b>48.4231</b> | <b>12.2950</b> | <b>2.4399</b> | <b>14.7349</b> | <b>0.0000</b> | <b>74,422.37<br/>87</b> | <b>74,422.37<br/>87</b> | <b>2.8429</b> | <b>0.4832</b> | <b>74,637.44<br/>17</b> |

**Mitigated Operational**

|              | ROG            | NOx            | CO              | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2      | NBio- CO2               | Total CO2               | CH4           | N2O           | CO2e                    |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Category     | lb/day         |                |                 |               |                |               |                |                |               |                | lb/day        |                         |                         |               |               |                         |
| Area         | 30.5020        | 15.0496        | 88.4430         | 0.0944        |                | 1.5974        | 1.5974         |                | 1.5974        | 1.5974         | 0.0000        | 18,148.59<br>50         | 18,148.59<br>50         | 0.4874        | 0.3300        | 18,259.11<br>92         |
| Energy       | 0.7660         | 6.7462         | 4.2573          | 0.0418        |                | 0.5292        | 0.5292         |                | 0.5292        | 0.5292         |               | 8,355.983<br>2          | 8,355.983<br>2          | 0.1602        | 0.1532        | 8,405.638<br>7          |
| Mobile       | 9.5233         | 45.9914        | 110.0422        | 0.4681        | 45.9592        | 0.3373        | 46.2965        | 12.2950        | 0.3132        | 12.6083        |               | 47,917.80<br>05         | 47,917.80<br>05         | 2.1953        |               | 47,972.68<br>39         |
| <b>Total</b> | <b>40.7912</b> | <b>67.7872</b> | <b>202.7424</b> | <b>0.6043</b> | <b>45.9592</b> | <b>2.4640</b> | <b>48.4231</b> | <b>12.2950</b> | <b>2.4399</b> | <b>14.7349</b> | <b>0.0000</b> | <b>74,422.37<br/>87</b> | <b>74,422.37<br/>87</b> | <b>2.8429</b> | <b>0.4832</b> | <b>74,637.44<br/>17</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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

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#### Construction Phase

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date   | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1            | Demolition            | Demolition            | 9/1/2021   | 10/12/2021 | 5             | 30       |                   |
| 2            | Site Preparation      | Site Preparation      | 10/13/2021 | 11/9/2021  | 5             | 20       |                   |
| 3            | Grading               | Grading               | 11/10/2021 | 1/11/2022  | 5             | 45       |                   |
| 4            | Building Construction | Building Construction | 1/12/2022  | 12/12/2023 | 5             | 500      |                   |
| 5            | Paving                | Paving                | 12/13/2023 | 1/30/2024  | 5             | 35       |                   |
| 6            | Architectural Coating | Architectural Coating | 1/31/2024  | 3/19/2024  | 5             | 35       |                   |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 112.5**

**Acres of Paving: 0**

**Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)**

#### OffRoad Equipment

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

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

Trips and VMT

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

| Phase Name            | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition            | 6                       | 15.00              | 0.00               | 458.00              | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Site Preparation      | 7                       | 18.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading               | 8                       | 20.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 9                       | 801.00             | 143.00             | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                | 6                       | 15.00              | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 160.00             | 0.00               | 0.00                | 10.00              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

## 3.1 Mitigation Measures Construction

## 3.2 Demolition - 2021

Unmitigated Construction On-Site

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        |          | 3,747.9449        | 3,747.9449        | 1.0549        |     | 3,774.3174        |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> |          | <b>3,747.9449</b> | <b>3,747.9449</b> | <b>1.0549</b> |     | <b>3,774.3174</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.1304        | 4.1454        | 1.0182        | 0.0117        | 0.2669        | 0.0128        | 0.2797        | 0.0732         | 0.0122        | 0.0854        |          | 1,269.855<br>5         | 1,269.855<br>5         | 0.0908        |     | 1,272.125<br>2         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Worker       | 0.0532        | 0.0346        | 0.3963        | 1.1100e-003   | 0.1141        | 9.5000e-004   | 0.1151        | 0.0303         | 8.8000e-004   | 0.0311        |          | 110.4707               | 110.4707               | 3.3300e-003   |     | 110.5539               |
| <b>Total</b> | <b>0.1835</b> | <b>4.1800</b> | <b>1.4144</b> | <b>0.0128</b> | <b>0.3810</b> | <b>0.0137</b> | <b>0.3948</b> | <b>0.1034</b>  | <b>0.0131</b> | <b>0.1165</b> |          | <b>1,380.326<br/>2</b> | <b>1,380.326<br/>2</b> | <b>0.0941</b> |     | <b>1,382.679<br/>1</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 3.3074        | 0.0000        | 3.3074        | 0.5008         | 0.0000        | 0.5008        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 3.1651        | 31.4407        | 21.5650        | 0.0388        |               | 1.5513        | 1.5513        |                | 1.4411        | 1.4411        | 0.0000        | 3,747.944<br>9         | 3,747.944<br>9         | 1.0549        |     | 3,774.317<br>4         |
| <b>Total</b>  | <b>3.1651</b> | <b>31.4407</b> | <b>21.5650</b> | <b>0.0388</b> | <b>3.3074</b> | <b>1.5513</b> | <b>4.8588</b> | <b>0.5008</b>  | <b>1.4411</b> | <b>1.9419</b> | <b>0.0000</b> | <b>3,747.944<br/>9</b> | <b>3,747.944<br/>9</b> | <b>1.0549</b> |     | <b>3,774.317<br/>4</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.1304        | 4.1454        | 1.0182        | 0.0117        | 0.2669        | 0.0128        | 0.2797        | 0.0732         | 0.0122        | 0.0854        |          | 1,269.855<br>5         | 1,269.855<br>5         | 0.0908        |     | 1,272.125<br>2         |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Worker       | 0.0532        | 0.0346        | 0.3963        | 1.1100e-003   | 0.1141        | 9.5000e-004   | 0.1151        | 0.0303         | 8.8000e-004   | 0.0311        |          | 110.4707               | 110.4707               | 3.3300e-003   |     | 110.5539               |
| <b>Total</b> | <b>0.1835</b> | <b>4.1800</b> | <b>1.4144</b> | <b>0.0128</b> | <b>0.3810</b> | <b>0.0137</b> | <b>0.3948</b> | <b>0.1034</b>  | <b>0.0131</b> | <b>0.1165</b> |          | <b>1,380.326<br/>2</b> | <b>1,380.326<br/>2</b> | <b>0.0941</b> |     | <b>1,382.679<br/>1</b> |

**3.3 Site Preparation - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total    | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|----------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |                |               |                |                |               |                | lb/day   |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 18.0663        | 0.0000        | 18.0663        | 9.9307         | 0.0000        | 9.9307         |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 3.8882        | 40.4971        | 21.1543        | 0.0380        |                | 2.0445        | 2.0445         |                | 1.8809        | 1.8809         |          | 3,685.656<br>9         | 3,685.656<br>9         | 1.1920        |     | 3,715.457<br>3         |
| <b>Total</b>  | <b>3.8882</b> | <b>40.4971</b> | <b>21.1543</b> | <b>0.0380</b> | <b>18.0663</b> | <b>2.0445</b> | <b>20.1107</b> | <b>9.9307</b>  | <b>1.8809</b> | <b>11.8116</b> |          | <b>3,685.656<br/>9</b> | <b>3,685.656<br/>9</b> | <b>1.1920</b> |     | <b>3,715.457<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0638        | 0.0415        | 0.4755        | 1.3300e-003        | 0.1369        | 1.1400e-003        | 0.1381        | 0.0363         | 1.0500e-003        | 0.0374        |          | 132.5649        | 132.5649        | 3.9900e-003        |     | 132.6646        |
| <b>Total</b> | <b>0.0638</b> | <b>0.0415</b> | <b>0.4755</b> | <b>1.3300e-003</b> | <b>0.1369</b> | <b>1.1400e-003</b> | <b>0.1381</b> | <b>0.0363</b>  | <b>1.0500e-003</b> | <b>0.0374</b> |          | <b>132.5649</b> | <b>132.5649</b> | <b>3.9900e-003</b> |     | <b>132.6646</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0638        | 0.0415        | 0.4755        | 1.3300e-003        | 0.1369        | 1.1400e-003        | 0.1381        | 0.0363         | 1.0500e-003        | 0.0374        |          | 132.5649        | 132.5649        | 3.9900e-003        |     | 132.6646        |
| <b>Total</b> | <b>0.0638</b> | <b>0.0415</b> | <b>0.4755</b> | <b>1.3300e-003</b> | <b>0.1369</b> | <b>1.1400e-003</b> | <b>0.1381</b> | <b>0.0363</b>  | <b>1.0500e-003</b> | <b>0.0374</b> |          | <b>132.5649</b> | <b>132.5649</b> | <b>3.9900e-003</b> |     | <b>132.6646</b> |

**3.4 Grading - 2021****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        |          | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> |          | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2021****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0709        | 0.0462        | 0.5284        | 1.4800e-003        | 0.1521        | 1.2700e-003        | 0.1534        | 0.0404         | 1.1700e-003        | 0.0415        |          | 147.2943        | 147.2943        | 4.4300e-003        |     | 147.4051        |
| <b>Total</b> | <b>0.0709</b> | <b>0.0462</b> | <b>0.5284</b> | <b>1.4800e-003</b> | <b>0.1521</b> | <b>1.2700e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1700e-003</b> | <b>0.0415</b> |          | <b>147.2943</b> | <b>147.2943</b> | <b>4.4300e-003</b> |     | <b>147.4051</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 4.1912        | 46.3998        | 30.8785        | 0.0620        |               | 1.9853        | 1.9853         |                | 1.8265        | 1.8265        | 0.0000        | 6,007.0434        | 6,007.0434        | 1.9428        |     | 6,055.6134        |
| <b>Total</b>  | <b>4.1912</b> | <b>46.3998</b> | <b>30.8785</b> | <b>0.0620</b> | <b>8.6733</b> | <b>1.9853</b> | <b>10.6587</b> | <b>3.5965</b>  | <b>1.8265</b> | <b>5.4230</b> | <b>0.0000</b> | <b>6,007.0434</b> | <b>6,007.0434</b> | <b>1.9428</b> |     | <b>6,055.6134</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2021****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0709        | 0.0462        | 0.5284        | 1.4800e-003        | 0.1521        | 1.2700e-003        | 0.1534        | 0.0404         | 1.1700e-003        | 0.0415        |          | 147.2943        | 147.2943        | 4.4300e-003        |     | 147.4051        |
| <b>Total</b> | <b>0.0709</b> | <b>0.0462</b> | <b>0.5284</b> | <b>1.4800e-003</b> | <b>0.1521</b> | <b>1.2700e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1700e-003</b> | <b>0.0415</b> |          | <b>147.2943</b> | <b>147.2943</b> | <b>4.4300e-003</b> |     | <b>147.4051</b> |

**3.4 Grading - 2022****Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day   |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        |          | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> |          | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0665        | 0.0416        | 0.4861        | 1.4300e-003        | 0.1521        | 1.2300e-003        | 0.1534        | 0.0404         | 1.1300e-003        | 0.0415        |          | 142.1207        | 142.1207        | 4.0000e-003        |     | 142.2207        |
| <b>Total</b> | <b>0.0665</b> | <b>0.0416</b> | <b>0.4861</b> | <b>1.4300e-003</b> | <b>0.1521</b> | <b>1.2300e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1300e-003</b> | <b>0.0415</b> |          | <b>142.1207</b> | <b>142.1207</b> | <b>4.0000e-003</b> |     | <b>142.2207</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |                |                |               |               |               |                |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |                |                |               | 8.6733        | 0.0000        | 8.6733         | 3.5965         | 0.0000        | 3.5965        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 3.6248        | 38.8435        | 29.0415        | 0.0621        |               | 1.6349        | 1.6349         |                | 1.5041        | 1.5041        | 0.0000        | 6,011.4105        | 6,011.4105        | 1.9442        |     | 6,060.0158        |
| <b>Total</b>  | <b>3.6248</b> | <b>38.8435</b> | <b>29.0415</b> | <b>0.0621</b> | <b>8.6733</b> | <b>1.6349</b> | <b>10.3082</b> | <b>3.5965</b>  | <b>1.5041</b> | <b>5.1006</b> | <b>0.0000</b> | <b>6,011.4105</b> | <b>6,011.4105</b> | <b>1.9442</b> |     | <b>6,060.0158</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|-----|-----------------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |                 |                 |                    |     |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          | 0.0000          | 0.0000          | 0.0000             |     | 0.0000          |
| Worker       | 0.0665        | 0.0416        | 0.4861        | 1.4300e-003        | 0.1521        | 1.2300e-003        | 0.1534        | 0.0404         | 1.1300e-003        | 0.0415        |          | 142.1207        | 142.1207        | 4.0000e-003        |     | 142.2207        |
| <b>Total</b> | <b>0.0665</b> | <b>0.0416</b> | <b>0.4861</b> | <b>1.4300e-003</b> | <b>0.1521</b> | <b>1.2300e-003</b> | <b>0.1534</b> | <b>0.0404</b>  | <b>1.1300e-003</b> | <b>0.0415</b> |          | <b>142.1207</b> | <b>142.1207</b> | <b>4.0000e-003</b> |     | <b>142.2207</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2022****Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Vendor       | 0.4284        | 13.1673        | 3.8005         | 0.0354        | 0.9155        | 0.0256        | 0.9412        | 0.2636         | 0.0245        | 0.2881        |          | 3,789.075<br>0         | 3,789.075<br>0         | 0.2381        |     | 3,795.028<br>3         |
| Worker       | 2.6620        | 1.6677         | 19.4699        | 0.0571        | 6.0932        | 0.0493        | 6.1425        | 1.6163         | 0.0454        | 1.6617        |          | 5,691.935<br>4         | 5,691.935<br>4         | 0.1602        |     | 5,695.940<br>8         |
| <b>Total</b> | <b>3.0904</b> | <b>14.8350</b> | <b>23.2704</b> | <b>0.0926</b> | <b>7.0087</b> | <b>0.0749</b> | <b>7.0836</b> | <b>1.8799</b>  | <b>0.0699</b> | <b>1.9498</b> |          | <b>9,481.010<br/>4</b> | <b>9,481.010<br/>4</b> | <b>0.3984</b> |     | <b>9,490.969<br/>1</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 1.7062        | 15.6156        | 16.3634        | 0.0269        |               | 0.8090        | 0.8090        |                | 0.7612        | 0.7612        | 0.0000        | 2,554.333<br>6         | 2,554.333<br>6         | 0.6120        |     | 2,569.632<br>2         |
| <b>Total</b> | <b>1.7062</b> | <b>15.6156</b> | <b>16.3634</b> | <b>0.0269</b> |               | <b>0.8090</b> | <b>0.8090</b> |                | <b>0.7612</b> | <b>0.7612</b> | <b>0.0000</b> | <b>2,554.333<br/>6</b> | <b>2,554.333<br/>6</b> | <b>0.6120</b> |     | <b>2,569.632<br/>2</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2022****Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Hauling      | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        |     | 0.0000                 |
| Vendor       | 0.4284        | 13.1673        | 3.8005         | 0.0354        | 0.9155        | 0.0256        | 0.9412        | 0.2636         | 0.0245        | 0.2881        |          | 3,789.075<br>0         | 3,789.075<br>0         | 0.2381        |     | 3,795.028<br>3         |
| Worker       | 2.6620        | 1.6677         | 19.4699        | 0.0571        | 6.0932        | 0.0493        | 6.1425        | 1.6163         | 0.0454        | 1.6617        |          | 5,691.935<br>4         | 5,691.935<br>4         | 0.1602        |     | 5,695.940<br>8         |
| <b>Total</b> | <b>3.0904</b> | <b>14.8350</b> | <b>23.2704</b> | <b>0.0926</b> | <b>7.0087</b> | <b>0.0749</b> | <b>7.0836</b> | <b>1.8799</b>  | <b>0.0699</b> | <b>1.9498</b> |          | <b>9,481.010<br/>4</b> | <b>9,481.010<br/>4</b> | <b>0.3984</b> |     | <b>9,490.969<br/>1</b> |

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

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 1.5728        | 14.3849        | 16.2440        | 0.0269        |               | 0.6997        | 0.6997        |                | 0.6584        | 0.6584        |          | 2,555.209<br>9         | 2,555.209<br>9         | 0.6079        |     | 2,570.406<br>1         |
| <b>Total</b> | <b>1.5728</b> | <b>14.3849</b> | <b>16.2440</b> | <b>0.0269</b> |               | <b>0.6997</b> | <b>0.6997</b> |                | <b>0.6584</b> | <b>0.6584</b> |          | <b>2,555.209<br/>9</b> | <b>2,555.209<br/>9</b> | <b>0.6079</b> |     | <b>2,570.406<br/>1</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2023****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       | 0.3183        | 9.9726         | 3.3771         | 0.0343        | 0.9156        | 0.0122        | 0.9277        | 0.2636         | 0.0116        | 0.2752        |          | 3,671.4007        | 3,671.4007        | 0.2096        |     | 3,676.6417        |
| Worker       | 2.5029        | 1.5073         | 17.8820        | 0.0550        | 6.0932        | 0.0479        | 6.1411        | 1.6163         | 0.0441        | 1.6604        |          | 5,483.7974        | 5,483.7974        | 0.1442        |     | 5,487.4020        |
| <b>Total</b> | <b>2.8211</b> | <b>11.4799</b> | <b>21.2591</b> | <b>0.0893</b> | <b>7.0088</b> | <b>0.0601</b> | <b>7.0688</b> | <b>1.8799</b>  | <b>0.0557</b> | <b>1.9356</b> |          | <b>9,155.1981</b> | <b>9,155.1981</b> | <b>0.3538</b> |     | <b>9,164.0437</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2023****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       | 0.3183        | 9.9726         | 3.3771         | 0.0343        | 0.9156        | 0.0122        | 0.9277        | 0.2636         | 0.0116        | 0.2752        |          | 3,671.4007        | 3,671.4007        | 0.2096        |     | 3,676.6417        |
| Worker       | 2.5029        | 1.5073         | 17.8820        | 0.0550        | 6.0932        | 0.0479        | 6.1411        | 1.6163         | 0.0441        | 1.6604        |          | 5,483.7974        | 5,483.7974        | 0.1442        |     | 5,487.4020        |
| <b>Total</b> | <b>2.8211</b> | <b>11.4799</b> | <b>21.2591</b> | <b>0.0893</b> | <b>7.0088</b> | <b>0.0601</b> | <b>7.0688</b> | <b>1.8799</b>  | <b>0.0557</b> | <b>1.9356</b> |          | <b>9,155.1981</b> | <b>9,155.1981</b> | <b>0.3538</b> |     | <b>9,164.0437</b> |

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

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2023****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       | 0.0469        | 0.0282        | 0.3349        | 1.0300e-003        | 0.1141        | 9.0000e-004        | 0.1150        | 0.0303         | 8.3000e-004        | 0.0311        |          | 102.6928        | 102.6928        | 2.7000e-003        |     | 102.7603        |
| <b>Total</b> | <b>0.0469</b> | <b>0.0282</b> | <b>0.3349</b> | <b>1.0300e-003</b> | <b>0.1141</b> | <b>9.0000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.3000e-004</b> | <b>0.0311</b> |          | <b>102.6928</b> | <b>102.6928</b> | <b>2.7000e-003</b> |     | <b>102.7603</b> |

**Mitigated Construction On-Site**

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

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2023****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       | 0.0469        | 0.0282        | 0.3349        | 1.0300e-003        | 0.1141        | 9.0000e-004        | 0.1150        | 0.0303         | 8.3000e-004        | 0.0311        |          | 102.6928        | 102.6928        | 2.7000e-003        |     | 102.7603        |
| <b>Total</b> | <b>0.0469</b> | <b>0.0282</b> | <b>0.3349</b> | <b>1.0300e-003</b> | <b>0.1141</b> | <b>9.0000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.3000e-004</b> | <b>0.0311</b> |          | <b>102.6928</b> | <b>102.6928</b> | <b>2.7000e-003</b> |     | <b>102.7603</b> |

**3.6 Paving - 2024****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        |          | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> |          | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2024****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       | 0.0444        | 0.0257        | 0.3114        | 1.0000e-003        | 0.1141        | 8.8000e-004        | 0.1150        | 0.0303         | 8.1000e-004        | 0.0311        |          | 99.5045        | 99.5045        | 2.4700e-003        |     | 99.5663        |
| <b>Total</b> | <b>0.0444</b> | <b>0.0257</b> | <b>0.3114</b> | <b>1.0000e-003</b> | <b>0.1141</b> | <b>8.8000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.1000e-004</b> | <b>0.0311</b> |          | <b>99.5045</b> | <b>99.5045</b> | <b>2.4700e-003</b> |     | <b>99.5663</b> |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Off-Road     | 0.9882        | 9.5246        | 14.6258        | 0.0228        |               | 0.4685        | 0.4685        |                | 0.4310        | 0.4310        | 0.0000        | 2,207.547<br>2         | 2,207.547<br>2         | 0.7140        |     | 2,225.396<br>3         |
| Paving       | 0.0000        |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                        | 0.0000                 |               |     | 0.0000                 |
| <b>Total</b> | <b>0.9882</b> | <b>9.5246</b> | <b>14.6258</b> | <b>0.0228</b> |               | <b>0.4685</b> | <b>0.4685</b> |                | <b>0.4310</b> | <b>0.4310</b> | <b>0.0000</b> | <b>2,207.547<br/>2</b> | <b>2,207.547<br/>2</b> | <b>0.7140</b> |     | <b>2,225.396<br/>3</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2024****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       | 0.0444        | 0.0257        | 0.3114        | 1.0000e-003        | 0.1141        | 8.8000e-004        | 0.1150        | 0.0303         | 8.1000e-004        | 0.0311        |          | 99.5045        | 99.5045        | 2.4700e-003        |     | 99.5663        |
| <b>Total</b> | <b>0.0444</b> | <b>0.0257</b> | <b>0.3114</b> | <b>1.0000e-003</b> | <b>0.1141</b> | <b>8.8000e-004</b> | <b>0.1150</b> | <b>0.0303</b>  | <b>8.1000e-004</b> | <b>0.0311</b> |          | <b>99.5045</b> | <b>99.5045</b> | <b>2.4700e-003</b> |     | <b>99.5663</b> |

**3.7 Architectural Coating - 2024****Unmitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day   |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        |          | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> |          | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2024****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       | 0.4734        | 0.2743        | 3.3220        | 0.0107        | 1.2171        | 9.4300e-003        | 1.2266        | 0.3229         | 8.6800e-003        | 0.3315        |          | 1,061.3818        | 1,061.3818        | 0.0264        |     | 1,062.0410        |
| <b>Total</b> | <b>0.4734</b> | <b>0.2743</b> | <b>3.3220</b> | <b>0.0107</b> | <b>1.2171</b> | <b>9.4300e-003</b> | <b>1.2266</b> | <b>0.3229</b>  | <b>8.6800e-003</b> | <b>0.3315</b> |          | <b>1,061.3818</b> | <b>1,061.3818</b> | <b>0.0264</b> |     | <b>1,062.0410</b> |

**Mitigated Construction On-Site**

|                 | ROG             | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O | CO2e            |
|-----------------|-----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----|-----------------|
| Category        | lb/day          |               |               |                    |               |               |               |                |               |               | lb/day        |                 |                 |               |     |                 |
| Archit. Coating | 236.4115        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.1808          | 1.2188        | 1.8101        | 2.9700e-003        |               | 0.0609        | 0.0609        |                | 0.0609        | 0.0609        | 0.0000        | 281.4481        | 281.4481        | 0.0159        |     | 281.8443        |
| <b>Total</b>    | <b>236.5923</b> | <b>1.2188</b> | <b>1.8101</b> | <b>2.9700e-003</b> |               | <b>0.0609</b> | <b>0.0609</b> |                | <b>0.0609</b> | <b>0.0609</b> | <b>0.0000</b> | <b>281.4481</b> | <b>281.4481</b> | <b>0.0159</b> |     | <b>281.8443</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2024****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       | 0.4734        | 0.2743        | 3.3220        | 0.0107        | 1.2171        | 9.4300e-003        | 1.2266        | 0.3229         | 8.6800e-003        | 0.3315        |          | 1,061.3818        | 1,061.3818        | 0.0264        |     | 1,062.0410        |
| <b>Total</b> | <b>0.4734</b> | <b>0.2743</b> | <b>3.3220</b> | <b>0.0107</b> | <b>1.2171</b> | <b>9.4300e-003</b> | <b>1.2266</b> | <b>0.3229</b>  | <b>8.6800e-003</b> | <b>0.3315</b> |          | <b>1,061.3818</b> | <b>1,061.3818</b> | <b>0.0264</b> |     | <b>1,062.0410</b> |

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

## Village South Specific Plan (Proposed) - Los Angeles-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   | 9.5233 | 45.9914 | 110.0422 | 0.4681 | 45.9592       | 0.3373       | 46.2965    | 12.2950        | 0.3132        | 12.6083     |          | 47,917.8005 | 47,917.8005 | 2.1953 |     | 47,972.6839 |
| Unmitigated | 9.5233 | 45.9914 | 110.0422 | 0.4681 | 45.9592       | 0.3373       | 46.2965    | 12.2950        | 0.3132        | 12.6083     |          | 47,917.8005 | 47,917.8005 | 2.1953 |     | 47,972.6839 |

## 4.2 Trip Summary Information

| Land Use                            | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
|                                     | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments Low Rise                 | 145.75                  | 154.25   | 154.00   | 506,227     | 506,227    |
| Apartments Mid Rise                 | 4,026.75                | 3,773.25 | 4,075.50 | 13,660,065  | 13,660,065 |
| General Office Building             | 288.45                  | 62.55    | 31.05    | 706,812     | 706,812    |
| High Turnover (Sit Down Restaurant) | 2,368.80                | 2,873.52 | 2,817.72 | 3,413,937   | 3,413,937  |
| Hotel                               | 192.00                  | 187.50   | 160.00   | 445,703     | 445,703    |
| Quality Restaurant                  | 501.12                  | 511.92   | 461.20   | 707,488     | 707,488    |
| Regional Shopping Center            | 528.08                  | 601.44   | 357.84   | 1,112,221   | 1,112,221  |
| Total                               | 8,050.95                | 8,164.43 | 8,057.31 | 20,552,452  | 20,552,452 |

## 4.3 Trip Type Information

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

| Land Use                 | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|--------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
|                          | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary        | Diverted | Pass-by |
| Apartments Low Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| Apartments Mid Rise      | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| General Office Building  | 16.60      | 8.40       | 6.90        | 33.00      | 48.00      | 19.00       | 77             | 19       | 4       |
| High Turnover (Sit Down  | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Hotel                    | 16.60      | 8.40       | 6.90        | 19.40      | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant       | 16.60      | 8.40       | 6.90        | 12.00      | 69.00      | 19.00       | 38             | 18       | 44      |
| Regional Shopping Center | 16.60      | 8.40       | 6.90        | 16.30      | 64.70      | 19.00       | 54             | 35       | 11      |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments Low Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Apartments Mid Rise                 | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| General Office Building             | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| High Turnover (Sit Down Restaurant) | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Hotel                               | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Quality Restaurant                  | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |
| Regional Shopping Center            | 0.543088 | 0.044216 | 0.209971 | 0.116369 | 0.014033 | 0.006332 | 0.021166 | 0.033577 | 0.002613 | 0.001817 | 0.005285 | 0.000712 | 0.000821 |

## 5.0 Energy Detail

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Historical Energy Use: N

## 5.1 Mitigation Measures Energy

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## Village South Specific Plan (Proposed) - Los Angeles-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   |                |                |        |        |                |
| NaturalGas Mitigated   | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |
| NaturalGas Unmitigated | 0.7660 | 6.7462 | 4.2573 | 0.0418 |               | 0.5292       | 0.5292     |                | 0.5292        | 0.5292      |          | 8,355.983<br>2 | 8,355.983<br>2 | 0.1602 | 0.1532 | 8,405.638<br>7 |

## Village South Specific Plan (Proposed) - Los Angeles-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   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1119.16        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35784.3        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1283.42        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22759.9        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4769.72        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5057.75        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 251.616        | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

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

|                                     | NaturalGas Use | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|-------------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------|-------------------|---------------|---------------|-------------------|
| Land Use                            | kBTU/yr        | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |                   |                   |               |               |                   |
| Apartments Low Rise                 | 1.11916        | 0.0121        | 0.1031        | 0.0439        | 6.6000e-004   |               | 8.3400e-003   | 8.3400e-003   |                | 8.3400e-003   | 8.3400e-003   |          | 131.6662          | 131.6662          | 2.5200e-003   | 2.4100e-003   | 132.4486          |
| Apartments Mid Rise                 | 35.7843        | 0.3859        | 3.2978        | 1.4033        | 0.0211        |               | 0.2666        | 0.2666        |                | 0.2666        | 0.2666        |          | 4,209.9164        | 4,209.9164        | 0.0807        | 0.0772        | 4,234.9339        |
| General Office Building             | 1.28342        | 0.0138        | 0.1258        | 0.1057        | 7.5000e-004   |               | 9.5600e-003   | 9.5600e-003   |                | 9.5600e-003   | 9.5600e-003   |          | 150.9911          | 150.9911          | 2.8900e-003   | 2.7700e-003   | 151.8884          |
| High Turnover (Sit Down Restaurant) | 22.7599        | 0.2455        | 2.2314        | 1.8743        | 0.0134        |               | 0.1696        | 0.1696        |                | 0.1696        | 0.1696        |          | 2,677.6342        | 2,677.6342        | 0.0513        | 0.0491        | 2,693.5460        |
| Hotel                               | 4.76972        | 0.0514        | 0.4676        | 0.3928        | 2.8100e-003   |               | 0.0355        | 0.0355        |                | 0.0355        | 0.0355        |          | 561.1436          | 561.1436          | 0.0108        | 0.0103        | 564.4782          |
| Quality Restaurant                  | 5.05775        | 0.0545        | 0.4959        | 0.4165        | 2.9800e-003   |               | 0.0377        | 0.0377        |                | 0.0377        | 0.0377        |          | 595.0298          | 595.0298          | 0.0114        | 0.0109        | 598.5658          |
| Regional Shopping Center            | 0.251616       | 2.7100e-003   | 0.0247        | 0.0207        | 1.5000e-004   |               | 1.8700e-003   | 1.8700e-003   |                | 1.8700e-003   | 1.8700e-003   |          | 29.6019           | 29.6019           | 5.7000e-004   | 5.4000e-004   | 29.7778           |
| <b>Total</b>                        |                | <b>0.7660</b> | <b>6.7463</b> | <b>4.2573</b> | <b>0.0418</b> |               | <b>0.5292</b> | <b>0.5292</b> |                | <b>0.5292</b> | <b>0.5292</b> |          | <b>8,355.9832</b> | <b>8,355.9832</b> | <b>0.1602</b> | <b>0.1532</b> | <b>8,405.6387</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

## Village South Specific Plan (Proposed) - Los Angeles-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   | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |
| Unmitigated | 30.5020 | 15.0496 | 88.4430 | 0.0944 |               | 1.5974       | 1.5974     |                | 1.5974        | 1.5974      | 0.0000   | 18,148.5950 | 18,148.5950 | 0.4874 | 0.3300 | 18,259.1192 |

## 6.2 Area by SubCategory

Unmitigated

|                       | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|-----------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| SubCategory           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day        |                    |                    |               |               |                    |
| Architectural Coating | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

## Village South Specific Plan (Proposed) - Los Angeles-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 | 2.2670         |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Consumer Products     | 24.1085        |                |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                    | 0.0000             |               |               | 0.0000             |
| Hearth                | 1.6500         | 14.1000        | 6.0000         | 0.0900        |               | 1.1400        | 1.1400        |                | 1.1400        | 1.1400        | 0.0000        | 18,000.0000        | 18,000.0000        | 0.3450        | 0.3300        | 18,106.9650        |
| Landscaping           | 2.4766         | 0.9496         | 82.4430        | 4.3600e-003   |               | 0.4574        | 0.4574        |                | 0.4574        | 0.4574        |               | 148.5950           | 148.5950           | 0.1424        |               | 152.1542           |
| <b>Total</b>          | <b>30.5020</b> | <b>15.0496</b> | <b>88.4430</b> | <b>0.0944</b> |               | <b>1.5974</b> | <b>1.5974</b> |                | <b>1.5974</b> | <b>1.5974</b> | <b>0.0000</b> | <b>18,148.5950</b> | <b>18,148.5950</b> | <b>0.4874</b> | <b>0.3300</b> | <b>18,259.1192</b> |

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

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

**10.0 Stationary Equipment**

## Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

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## Attachment C

| <b>Local Hire Provision Net Change</b>                  |            |
|---------------------------------------------------------|------------|
| <b>Without Local Hire Provision</b>                     |            |
| Total Construction GHG Emissions (MT CO2e)              | 3,623      |
| Amortized (MT CO2e/year)                                | 120.77     |
| <b>With Local Hire Provision</b>                        |            |
| Total Construction GHG Emissions (MT CO2e)              | 3,024      |
| Amortized (MT CO2e/year)                                | 100.80     |
| <b>% Decrease in Construction-related GHG Emissions</b> | <b>17%</b> |

## **EXHIBIT B**



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## ***Paul Rosenfeld, Ph.D.***

*Principal Environmental Chemist*

**Chemical Fate and Transport & Air Dispersion Modeling**

**Risk Assessment & Remediation Specialist**

### **Education**

Ph.D. Soil Chemistry, University of Washington, 1999. Dissertation on volatile organic compound filtration.

M.S. Environmental Science, U.C. Berkeley, 1995. Thesis on organic waste economics.

B.A. Environmental Studies, U.C. Santa Barbara, 1991. Thesis on wastewater treatment.

### **Professional Experience**

Dr. Rosenfeld has over 25 years' experience conducting environmental investigations and risk assessments for evaluating impacts to human health, property, and ecological receptors. His expertise focuses on the fate and transport of environmental contaminants, human health risk, exposure assessment, and ecological restoration. Dr. Rosenfeld has evaluated and modeled emissions from unconventional oil drilling operations, oil spills, landfills, boilers and incinerators, process stacks, storage tanks, confined animal feeding operations, and many other industrial and agricultural sources. His project experience ranges from monitoring and modeling of pollution sources to evaluating impacts of pollution on workers at industrial facilities and residents in surrounding communities.

Dr. Rosenfeld has investigated and designed remediation programs and risk assessments for contaminated sites containing lead, heavy metals, mold, bacteria, particulate matter, petroleum hydrocarbons, chlorinated solvents, pesticides, radioactive waste, dioxins and furans, semi- and volatile organic compounds, PCBs, PAHs, perchlorate, asbestos, per- and poly-fluoroalkyl substances (PFOA/PFOS), unusual polymers, fuel oxygenates (MTBE), among other pollutants. Dr. Rosenfeld also has experience evaluating greenhouse gas emissions from various projects and is an expert on the assessment of odors from industrial and agricultural sites, as well as the evaluation of odor nuisance impacts and technologies for abatement of odorous emissions. As a principal scientist at SWAPE, Dr. Rosenfeld directs air dispersion modeling and exposure assessments. He has served as an expert witness and testified about pollution sources causing nuisance and/or personal injury at dozens of sites and has testified as an expert witness on more than ten cases involving exposure to air contaminants from industrial sources.

## **Professional History:**

Soil Water Air Protection Enterprise (SWAPE); 2003 to present; Principal and Founding Partner  
UCLA School of Public Health; 2007 to 2011; Lecturer (Assistant Researcher)  
UCLA School of Public Health; 2003 to 2006; Adjunct Professor  
UCLA Environmental Science and Engineering Program; 2002-2004; Doctoral Intern Coordinator  
UCLA Institute of the Environment, 2001-2002; Research Associate  
Komex H<sub>2</sub>O Science, 2001 to 2003; Senior Remediation Scientist  
National Groundwater Association, 2002-2004; Lecturer  
San Diego State University, 1999-2001; Adjunct Professor  
Anteon Corp., San Diego, 2000-2001; Remediation Project Manager  
Ogden (now Amec), San Diego, 2000-2000; Remediation Project Manager  
Bechtel, San Diego, California, 1999 – 2000; Risk Assessor  
King County, Seattle, 1996 – 1999; Scientist  
James River Corp., Washington, 1995-96; Scientist  
Big Creek Lumber, Davenport, California, 1995; Scientist  
Plumas Corp., California and USFS, Tahoe 1993-1995; Scientist  
Peace Corps and World Wildlife Fund, St. Kitts, West Indies, 1991-1993; Scientist

## **Publications:**

Remy, L.L., Clay T., Byers, V., **Rosenfeld P. E.** (2019) Hospital, Health, and Community Burden After Oil Refinery Fires, Richmond, California 2007 and 2012. *Environmental Health*. 18:48

Simons, R.A., Seo, Y. **Rosenfeld, P.**, (2015) Modeling the Effect of Refinery Emission On Residential Property Value. *Journal of Real Estate Research*. 27(3):321-342

Chen, J. A, Zapata A. R., Sutherland A. J., Molmen, D.R., Chow, B. S., Wu, L. E., **Rosenfeld, P. E.**, Hesse, R. C., (2012) Sulfur Dioxide and Volatile Organic Compound Exposure To A Community In Texas City Texas Evaluated Using Aermol and Empirical Data. *American Journal of Environmental Science*, 8(6), 622-632.

**Rosenfeld, P.E.** & Feng, L. (2011). *The Risks of Hazardous Waste*. Amsterdam: Elsevier Publishing.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2011). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Agrochemical Industry*, Amsterdam: Elsevier Publishing.

Gonzalez, J., Feng, L., Sutherland, A., Waller, C., Sok, H., Hesse, R., **Rosenfeld, P.** (2010). PCBs and Dioxins/Furans in Attic Dust Collected Near Former PCB Production and Secondary Copper Facilities in Sauget, IL. *Procedia Environmental Sciences*. 113–125.

Feng, L., Wu, C., Tam, L., Sutherland, A.J., Clark, J.J., **Rosenfeld, P.E.** (2010). Dioxin and Furan Blood Lipid and Attic Dust Concentrations in Populations Living Near Four Wood Treatment Facilities in the United States. *Journal of Environmental Health*. 73(6), 34-46.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2010). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Wood and Paper Industries*. Amsterdam: Elsevier Publishing.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2009). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Petroleum Industry*. Amsterdam: Elsevier Publishing.

Wu, C., Tam, L., Clark, J., **Rosenfeld, P.** (2009). Dioxin and furan blood lipid concentrations in populations living near four wood treatment facilities in the United States. *WIT Transactions on Ecology and the Environment, Air Pollution*, 123 (17), 319-327.

Tam L. K., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008). A Statistical Analysis Of Attic Dust And Blood Lipid Concentrations Of Tetrachloro-p-Dibenzodioxin (TCDD) Toxicity Equivalency Quotients (TEQ) In Two Populations Near Wood Treatment Facilities. *Organohalogen Compounds*, 70, 002252-002255.

Tam L. K., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008). Methods For Collect Samples For Assessing Dioxins And Other Environmental Contaminants In Attic Dust: A Review. *Organohalogen Compounds*, 70, 000527-000530.

Hensley, A.R. A. Scott, J. J. J. Clark, **Rosenfeld, P.E.** (2007). Attic Dust and Human Blood Samples Collected near a Former Wood Treatment Facility. *Environmental Research*. 105, 194-197.

**Rosenfeld, P.E.**, J. J. J. Clark, A. R. Hensley, M. Suffet. (2007). The Use of an Odor Wheel Classification for Evaluation of Human Health Risk Criteria for Compost Facilities. *Water Science & Technology* 55(5), 345-357.

**Rosenfeld, P. E.**, M. Suffet. (2007). The Anatomy Of Odour Wheels For Odours Of Drinking Water, Wastewater, Compost And The Urban Environment. *Water Science & Technology* 55(5), 335-344.

Sullivan, P. J. Clark, J.J.J., Agardy, F. J., **Rosenfeld, P.E.** (2007). *Toxic Legacy, Synthetic Toxins in the Food, Water, and Air in American Cities*. Boston Massachusetts: Elsevier Publishing

**Rosenfeld, P.E.**, and Suffet I.H. (2004). Control of Compost Odor Using High Carbon Wood Ash. *Water Science and Technology*. 49(9),171-178.

**Rosenfeld P. E.**, J.J. Clark, I.H. (Mel) Suffet (2004). The Value of An Odor-Quality-Wheel Classification Scheme For The Urban Environment. *Water Environment Federation's Technical Exhibition and Conference (WEFTEC) 2004*. New Orleans, October 2-6, 2004.

**Rosenfeld, P.E.**, and Suffet, I.H. (2004). Understanding Odorants Associated With Compost, Biomass Facilities, and the Land Application of Biosolids. *Water Science and Technology*. 49(9), 193-199.

**Rosenfeld, P.E.**, and Suffet I.H. (2004). Control of Compost Odor Using High Carbon Wood Ash, *Water Science and Technology*, 49( 9), 171-178.

**Rosenfeld, P. E.**, Grey, M. A., Sellev, P. (2004). Measurement of Biosolids Odor and Odorant Emissions from Windrows, Static Pile and Biofilter. *Water Environment Research*. 76(4), 310-315.

**Rosenfeld, P.E.**, Grey, M and Suffet, M. (2002). Compost Demonstration Project, Sacramento California Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Integrated Waste Management Board Public Affairs Office*, Publications Clearinghouse (MS-6), Sacramento, CA Publication #442-02-008.

**Rosenfeld, P.E.**, and C.L. Henry. (2001). Characterization of odor emissions from three different biosolids. *Water Soil and Air Pollution*. 127(1-4), 173-191.

**Rosenfeld, P.E.**, and Henry C. L., (2000). Wood ash control of odor emissions from biosolids application. *Journal of Environmental Quality*. 29, 1662-1668.

**Rosenfeld, P.E.**, C.L. Henry and D. Bennett. (2001). Wastewater dewatering polymer affect on biosolids odor emissions and microbial activity. *Water Environment Research*. 73(4), 363-367.

**Rosenfeld, P.E.**, and C.L. Henry. (2001). Activated Carbon and Wood Ash Sorption of Wastewater, Compost, and Biosolids Odorants. *Water Environment Research*, 73, 388-393.

**Rosenfeld, P.E.**, and Henry C. L., (2001). High carbon wood ash effect on biosolids microbial activity and odor. *Water Environment Research*. 131(1-4), 247-262.

Chollack, T. and **P. Rosenfeld**. (1998). Compost Amendment Handbook For Landscaping. Prepared for and distributed by the City of Redmond, Washington State.

**Rosenfeld, P. E.** (1992). The Mount Liamuiga Crater Trail. *Heritage Magazine of St. Kitts*, 3(2).

**Rosenfeld, P. E.** (1993). High School Biogas Project to Prevent Deforestation On St. Kitts. *Biomass Users Network*, 7(1).

**Rosenfeld, P. E.** (1998). Characterization, Quantification, and Control of Odor Emissions From Biosolids Application To Forest Soil. Doctoral Thesis. University of Washington College of Forest Resources.

**Rosenfeld, P. E.** (1994). Potential Utilization of Small Diameter Trees on Sierra County Public Land. Masters thesis reprinted by the Sierra County Economic Council. Sierra County, California.

**Rosenfeld, P. E.** (1991). How to Build a Small Rural Anaerobic Digester & Uses Of Biogas In The First And Third World. Bachelors Thesis. University of California.

## **Presentations:**

**Rosenfeld, P.E.**, Sutherland, A; Hesse, R.; Zapata, A. (October 3-6, 2013). Air dispersion modeling of volatile organic emissions from multiple natural gas wells in Decatur, TX. *44th Western Regional Meeting, American Chemical Society*. Lecture conducted from Santa Clara, CA.

Sok, H.L.; Waller, C.C.; Feng, L.; Gonzalez, J.; Sutherland, A.J.; Wisdom-Stack, T.; Sahai, R.K.; Hesse, R.C.; **Rosenfeld, P.E.** (June 20-23, 2010). Atrazine: A Persistent Pesticide in Urban Drinking Water. *Urban Environmental Pollution*. Lecture conducted from Boston, MA.

Feng, L.; Gonzalez, J.; Sok, H.L.; Sutherland, A.J.; Waller, C.C.; Wisdom-Stack, T.; Sahai, R.K.; La, M.; Hesse, R.C.; **Rosenfeld, P.E.** (June 20-23, 2010). Bringing Environmental Justice to East St. Louis, Illinois. *Urban Environmental Pollution*. Lecture conducted from Boston, MA.

**Rosenfeld, P.E.** (April 19-23, 2009). Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Contamination in Drinking Water From the Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States. *2009 Ground Water Summit and 2009 Ground Water Protection Council Spring Meeting*, Lecture conducted from Tuscon, AZ.

**Rosenfeld, P.E.** (April 19-23, 2009). Cost to Filter Atrazine Contamination from Drinking Water in the United States” Contamination in Drinking Water From the Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States. *2009 Ground Water Summit and 2009 Ground Water Protection Council Spring Meeting*. Lecture conducted from Tuscon, AZ.

Wu, C., Tam, L., Clark, J., **Rosenfeld, P.** (20-22 July, 2009). Dioxin and furan blood lipid concentrations in populations living near four wood treatment facilities in the United States. Brebbia, C.A. and Popov, V., eds., *Air Pollution XVII: Proceedings of the Seventeenth International Conference on Modeling, Monitoring and Management of Air Pollution*. Lecture conducted from Tallinn, Estonia.

**Rosenfeld, P. E.** (October 15-18, 2007). Moss Point Community Exposure To Contaminants From A Releasing Facility. *The 23<sup>rd</sup> Annual International Conferences on Soils Sediment and Water*. Platform lecture conducted from University of Massachusetts, Amherst MA.

**Rosenfeld, P. E.** (October 15-18, 2007). The Repeated Trespass of Tritium-Contaminated Water Into A Surrounding Community Form Repeated Waste Spills From A Nuclear Power Plant. *The 23<sup>rd</sup> Annual International Conferences on Soils Sediment and Water*. Platform lecture conducted from University of Massachusetts, Amherst MA.

**Rosenfeld, P. E.** (October 15-18, 2007). Somerville Community Exposure To Contaminants From Wood Treatment Facility Emissions. The 23<sup>rd</sup> Annual International Conferences on Soils Sediment and Water. Lecture conducted from University of Massachusetts, Amherst MA.

**Rosenfeld P. E.** (March 2007). Production, Chemical Properties, Toxicology, & Treatment Case Studies of 1,2,3-Trichloropropane (TCP). *The Association for Environmental Health and Sciences (AEHS) Annual Meeting*. Lecture conducted from San Diego, CA.

**Rosenfeld P. E.** (March 2007). Blood and Attic Sampling for Dioxin/Furan, PAH, and Metal Exposure in Florala, Alabama. *The AEHS Annual Meeting*. Lecture conducted from San Diego, CA.

Hensley A.R., Scott, A., **Rosenfeld P.E.**, Clark, J.J.J. (August 21 – 25, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *The 26th International Symposium on Halogenated Persistent Organic Pollutants – DIOXIN2006*. Lecture conducted from Radisson SAS Scandinavia Hotel in Oslo Norway.

Hensley A.R., Scott, A., **Rosenfeld P.E.**, Clark, J.J.J. (November 4-8, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *APHA 134 Annual Meeting & Exposition*. Lecture conducted from Boston Massachusetts.

**Paul Rosenfeld Ph.D.** (October 24-25, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. Mealey's C8/PFOA. *Science, Risk & Litigation Conference*. Lecture conducted from The Rittenhouse Hotel, Philadelphia, PA.

**Paul Rosenfeld Ph.D.** (September 19, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, *Toxicology and Remediation PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel, Irvine California.

**Paul Rosenfeld Ph.D.** (September 19, 2005). Fate, Transport, Toxicity, And Persistence of 1,2,3-TCP. *PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel in Irvine, California.

**Paul Rosenfeld Ph.D.** (September 26-27, 2005). Fate, Transport and Persistence of PDBEs. *Mealey's Groundwater Conference*. Lecture conducted from Ritz Carlton Hotel, Marina Del Ray, California.

**Paul Rosenfeld Ph.D.** (June 7-8, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. *International Society of Environmental Forensics: Focus On Emerging Contaminants*. Lecture conducted from Sheraton Oceanfront Hotel, Virginia Beach, Virginia.

**Paul Rosenfeld Ph.D.** (July 21-22, 2005). Fate Transport, Persistence and Toxicology of PFOA and Related Perfluorochemicals. *2005 National Groundwater Association Ground Water And Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

**Paul Rosenfeld Ph.D.** (July 21-22, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, Toxicology and Remediation. *2005 National Groundwater Association Ground Water and Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

**Paul Rosenfeld, Ph.D.** and James Clark Ph.D. and Rob Hesse R.G. (May 5-6, 2004). Tert-butyl Alcohol Liability and Toxicology, A National Problem and Unquantified Liability. *National Groundwater Association. Environmental Law Conference*. Lecture conducted from Congress Plaza Hotel, Chicago Illinois.

**Paul Rosenfeld, Ph.D.** (March 2004). Perchlorate Toxicology. *Meeting of the American Groundwater Trust*. Lecture conducted from Phoenix Arizona.

Hagemann, M.F., **Paul Rosenfeld, Ph.D.** and Rob Hesse (2004). Perchlorate Contamination of the Colorado River. *Meeting of tribal representatives*. Lecture conducted from Parker, AZ.

**Paul Rosenfeld, Ph.D.** (April 7, 2004). A National Damage Assessment Model For PCE and Dry Cleaners. *Drycleaner Symposium. California Ground Water Association*. Lecture conducted from Radison Hotel, Sacramento, California.

**Rosenfeld, P. E.,** Grey, M., (June 2003) Two stage biofilter for biosolids composting odor control. *Seventh International In Situ And On Site Bioremediation Symposium Battelle Conference* Orlando, FL.

**Paul Rosenfeld, Ph.D.** and James Clark Ph.D. (February 20-21, 2003) Understanding Historical Use, Chemical Properties, Toxicity and Regulatory Guidance of 1,4 Dioxane. *National Groundwater Association. Southwest Focus Conference. Water Supply and Emerging Contaminants..* Lecture conducted from Hyatt Regency Phoenix Arizona.

**Paul Rosenfeld, Ph.D.** (February 6-7, 2003). Underground Storage Tank Litigation and Remediation. *California CUPA Forum*. Lecture conducted from Marriott Hotel, Anaheim California.

**Paul Rosenfeld, Ph.D.** (October 23, 2002) Underground Storage Tank Litigation and Remediation. *EPA Underground Storage Tank Roundtable*. Lecture conducted from Sacramento California.

**Rosenfeld, P.E.** and Suffet, M. (October 7- 10, 2002). Understanding Odor from Compost, *Wastewater and Industrial Processes. Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

**Rosenfeld, P.E.** and Suffet, M. (October 7- 10, 2002). Using High Carbon Wood Ash to Control Compost Odor. *Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

**Rosenfeld, P.E.** and Grey, M. A. (September 22-24, 2002). Biocycle Composting For Coastal Sage Restoration. *Northwest Biosolids Management Association*. Lecture conducted from Vancouver Washington..

**Rosenfeld, P.E.** and Grey, M. A. (November 11-14, 2002). Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Soil Science Society Annual Conference*. Lecture conducted from Indianapolis, Maryland.

**Rosenfeld. P.E.** (September 16, 2000). Two stage biofilter for biosolids composting odor control. *Water Environment Federation*. Lecture conducted from Anaheim California.

**Rosenfeld. P.E.** (October 16, 2000). Wood ash and biofilter control of compost odor. *Biofest*. Lecture conducted from Ocean Shores, California.

**Rosenfeld, P.E.** (2000). Bioremediation Using Organic Soil Amendments. *California Resource Recovery Association*. Lecture conducted from Sacramento California.

**Rosenfeld, P.E.,** C.L. Henry, R. Harrison. (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. *Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings*. Lecture conducted from Bellevue Washington.

**Rosenfeld, P.E.,** and C.L. Henry. (1999). An evaluation of ash incorporation with biosolids for odor reduction. *Soil Science Society of America*. Lecture conducted from Salt Lake City Utah.

**Rosenfeld, P.E.,** C.L. Henry, R. Harrison. (1998). Comparison of Microbial Activity and Odor Emissions from Three Different Biosolids Applied to Forest Soil. *Brown and Caldwell*. Lecture conducted from Seattle Washington.

**Rosenfeld, P.E.,** C.L. Henry. (1998). Characterization, Quantification, and Control of Odor Emissions from Biosolids Application To Forest Soil. *Biofest*. Lecture conducted from Lake Chelan, Washington.

**Rosenfeld, P.E.,** C.L. Henry, R. Harrison. (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings. Lecture conducted from Bellevue Washington.

**Rosenfeld, P.E.,** C.L. Henry, R. B. Harrison, and R. Dills. (1997). Comparison of Odor Emissions From Three Different Biosolids Applied to Forest Soil. *Soil Science Society of America*. Lecture conducted from Anaheim California.

## **Teaching Experience:**

UCLA Department of Environmental Health (Summer 2003 through 20010) Taught Environmental Health Science 100 to students, including undergrad, medical doctors, public health professionals and nurses. Course focused on the health effects of environmental contaminants.

National Ground Water Association, Successful Remediation Technologies. Custom Course in Sante Fe, New Mexico. May 21, 2002. Focused on fate and transport of fuel contaminants associated with underground storage tanks.

National Ground Water Association; Successful Remediation Technologies Course in Chicago Illinois. April 1, 2002. Focused on fate and transport of contaminants associated with Superfund and RCRA sites.

California Integrated Waste Management Board, April and May, 2001. Alternative Landfill Caps Seminar in San Diego, Ventura, and San Francisco. Focused on both prescriptive and innovative landfill cover design.

UCLA Department of Environmental Engineering, February 5, 2002. Seminar on Successful Remediation Technologies focusing on Groundwater Remediation.

University Of Washington, Soil Science Program, Teaching Assistant for several courses including: Soil Chemistry, Organic Soil Amendments, and Soil Stability.

U.C. Berkeley, Environmental Science Program Teaching Assistant for Environmental Science 10.

## **Academic Grants Awarded:**

California Integrated Waste Management Board. \$41,000 grant awarded to UCLA Institute of the Environment. Goal: To investigate effect of high carbon wood ash on volatile organic emissions from compost. 2001.

Synagro Technologies, Corona California: \$10,000 grant awarded to San Diego State University. Goal: investigate effect of biosolids for restoration and remediation of degraded coastal sage soils. 2000.

King County, Department of Research and Technology, Washington State. \$100,000 grant awarded to University of Washington: Goal: To investigate odor emissions from biosolids application and the effect of polymers and ash on VOC emissions. 1998.

Northwest Biosolids Management Association, Washington State. \$20,000 grant awarded to investigate effect of polymers and ash on VOC emissions from biosolids. 1997.

James River Corporation, Oregon: \$10,000 grant was awarded to investigate the success of genetically engineered Poplar trees with resistance to round-up. 1996.

United State Forest Service, Tahoe National Forest: \$15,000 grant was awarded to investigating fire ecology of the Tahoe National Forest. 1995.

Kellogg Foundation, Washington D.C. \$500 grant was awarded to construct a large anaerobic digester on St. Kitts in West Indies. 1993

## **Deposition and/or Trial Testimony:**

In the United States District Court For The District of New Jersey

Duarte et al, *Plaintiffs*, vs. United States Metals Refining Company et. al. *Defendant*.

Case No.: 2:17-cv-01624-ES-SCM

Rosenfeld Deposition. 6-7-2019

In the United States District Court of Southern District of Texas Galveston Division

M/T Carla Maersk, *Plaintiffs*, vs. Conti 168., Schiffahrts-GMBH & Co. Bulker KG MS “Conti Perdido”  
*Defendant*.

Case No.: 3:15-CV-00106 consolidated with 3:15-CV-00237

Rosenfeld Deposition. 5-9-2019

In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica

Carole-Taddeo-Bates et al., vs. Ifran Khan et al., Defendants

Case No.: No. BC615636

Rosenfeld Deposition, 1-26-2019

In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica

The San Gabriel Valley Council of Governments et al. vs El Adobe Apts. Inc. et al., Defendants

Case No.: No. BC646857

Rosenfeld Deposition, 10-6-2018; Trial 3-7-19

In United States District Court For The District of Colorado

Bells et al. Plaintiff vs. The 3M Company et al., Defendants

Case: No 1:16-cv-02531-RBJ

Rosenfeld Deposition, 3-15-2018 and 4-3-2018

In The District Court Of Regan County, Texas, 112<sup>th</sup> Judicial District

Phillip Bales et al., Plaintiff vs. Dow Agrosiences, LLC, et al., Defendants

Cause No 1923

Rosenfeld Deposition, 11-17-2017

In The Superior Court of the State of California In And For The County Of Contra Costa

Simons et al., Plaintiffs vs. Chevron Corporation, et al., Defendants

Cause No C12-01481

Rosenfeld Deposition, 11-20-2017

In The Circuit Court Of The Twentieth Judicial Circuit, St Clair County, Illinois

Martha Custer et al., Plaintiff vs. Cerro Flow Products, Inc., Defendants

Case No.: No. 0i9-L-2295

Rosenfeld Deposition, 8-23-2017

In The Superior Court of the State of California, For The County of Los Angeles

Warrn Gilbert and Penny Gilber, Plaintiff vs. BMW of North America LLC

Case No.: LC102019 (c/w BC582154)

Rosenfeld Deposition, 8-16-2017, Trail 8-28-2018

In the Northern District Court of Mississippi, Greenville Division

Brenda J. Cooper, et al., *Plaintiffs*, vs. Meritor Inc., et al., *Defendants*

Case Number: 4:16-cv-52-DMB-JVM

Rosenfeld Deposition: July 2017

In The Superior Court of the State of Washington, County of Snohomish  
Michael Davis and Julie Davis et al., Plaintiff vs. Cedar Grove Composting Inc., Defendants  
Case No.: No. 13-2-03987-5  
Rosenfeld Deposition, February 2017  
Trial, March 2017

In The Superior Court of the State of California, County of Alameda  
Charles Spain., Plaintiff vs. Thermo Fisher Scientific, et al., Defendants  
Case No.: RG14711115  
Rosenfeld Deposition, September 2015

In The Iowa District Court In And For Poweshiek County  
Russell D. Winburn, et al., Plaintiffs vs. Doug Hoksbergen, et al., Defendants  
Case No.: LALA002187  
Rosenfeld Deposition, August 2015

In The Iowa District Court For Wapello County  
Jerry Dovico, et al., Plaintiffs vs. Valley View Sine LLC, et al., Defendants  
Law No.: LALA105144 - Division A  
Rosenfeld Deposition, August 2015

In The Iowa District Court For Wapello County  
Doug Pauls, et al., et al., Plaintiffs vs. Richard Warren, et al., Defendants  
Law No.: LALA105144 - Division A  
Rosenfeld Deposition, August 2015

In The Circuit Court of Ohio County, West Virginia  
Robert Andrews, et al. v. Antero, et al.  
Civil Action NO. 14-C-30000  
Rosenfeld Deposition, June 2015

In The Third Judicial District County of Dona Ana, New Mexico  
Betty Gonzalez, et al. Plaintiffs vs. Del Oro Dairy, Del Oro Real Estate LLC, Jerry Settles and Deward  
DeRuyter, Defendants  
Rosenfeld Deposition: July 2015

In The Iowa District Court For Muscatine County  
Laurie Freeman et. al. Plaintiffs vs. Grain Processing Corporation, Defendant  
Case No 4980  
Rosenfeld Deposition: May 2015

In the Circuit Court of the 17<sup>th</sup> Judicial Circuit, in and For Broward County, Florida  
Walter Hinton, et. al. Plaintiff, vs. City of Fort Lauderdale, Florida, a Municipality, Defendant.  
Case Number CACE07030358 (26)  
Rosenfeld Deposition: December 2014

In the United States District Court Western District of Oklahoma  
Tommy McCarty, et al., Plaintiffs, v. Oklahoma City Landfill, LLC d/b/a Southeast Oklahoma City  
Landfill, et al. Defendants.  
Case No. 5:12-cv-01152-C  
Rosenfeld Deposition: July 2014

In the County Court of Dallas County Texas

Lisa Parr et al, *Plaintiff*, vs. Aruba et al, *Defendant*.

Case Number cc-11-01650-E

Rosenfeld Deposition: March and September 2013

Rosenfeld Trial: April 2014

In the Court of Common Pleas of Tuscarawas County Ohio

John Michael Abicht, et al., *Plaintiffs*, vs. Republic Services, Inc., et al., *Defendants*

Case Number: 2008 CT 10 0741 (Cons. w/ 2009 CV 10 0987)

Rosenfeld Deposition: October 2012

In the United States District Court of Southern District of Texas Galveston Division

Kyle Cannon, Eugene Donovan, Genaro Ramirez, Carol Sassler, and Harvey Walton, each Individually and on behalf of those similarly situated, *Plaintiffs*, vs. BP Products North America, Inc., *Defendant*.

Case 3:10-cv-00622

Rosenfeld Deposition: February 2012

Rosenfeld Trial: April 2013

In the Circuit Court of Baltimore County Maryland

Philip E. Cvach, II et al., *Plaintiffs* vs. Two Farms, Inc. d/b/a Royal Farms, Defendants

Case Number: 03-C-12-012487 OT

Rosenfeld Deposition: September 2013

## **EXHIBIT C**



Technical Consultation, Data Analysis and  
Litigation Support for the Environment

1640 5<sup>th</sup> St., Suite 204 Santa  
Santa Monica, California 90401  
Tel: (949) 887-9013  
Email: [mhagemann@swape.com](mailto:mhagemann@swape.com)

**Matthew F. Hagemann, P.G., C.Hg., QSD, QSP**

**Geologic and Hydrogeologic Characterization  
Industrial Stormwater Compliance  
Investigation and Remediation Strategies  
Litigation Support and Testifying Expert  
CEQA Review**

**Education:**

M.S. Degree, Geology, California State University Los Angeles, Los Angeles, CA, 1984.

B.A. Degree, Geology, Humboldt State University, Arcata, CA, 1982.

**Professional Certifications:**

California Professional Geologist

California Certified Hydrogeologist

Qualified SWPPP Developer and Practitioner

**Professional Experience:**

Matt has 25 years of experience in environmental policy, assessment and remediation. He spent nine years with the U.S. EPA in the RCRA and Superfund programs and served as EPA's Senior Science Policy Advisor in the Western Regional Office where he identified emerging threats to groundwater from perchlorate and MTBE. While with EPA, Matt also served as a Senior Hydrogeologist in the oversight of the assessment of seven major military facilities undergoing base closure. He led numerous enforcement actions under provisions of the Resource Conservation and Recovery Act (RCRA) while also working with permit holders to improve hydrogeologic characterization and water quality monitoring.

Matt has worked closely with U.S. EPA legal counsel and the technical staff of several states in the application and enforcement of RCRA, Safe Drinking Water Act and Clean Water Act regulations. Matt has trained the technical staff in the States of California, Hawaii, Nevada, Arizona and the Territory of Guam in the conduct of investigations, groundwater fundamentals, and sampling techniques.

Positions Matt has held include:

- Founding Partner, Soil/Water/Air Protection Enterprise (SWAPE) (2003 – present);
- Geology Instructor, Golden West College, 2010 – 2014;
- Senior Environmental Analyst, Komex H2O Science, Inc. (2000 -- 2003);

- Executive Director, Orange Coast Watch (2001 – 2004);
- Senior Science Policy Advisor and Hydrogeologist, U.S. Environmental Protection Agency (1989–1998);
- Hydrogeologist, National Park Service, Water Resources Division (1998 – 2000);
- Adjunct Faculty Member, San Francisco State University, Department of Geosciences (1993 – 1998);
- Instructor, College of Marin, Department of Science (1990 – 1995);
- Geologist, U.S. Forest Service (1986 – 1998); and
- Geologist, Dames & Moore (1984 – 1986).

**Senior Regulatory and Litigation Support Analyst:**

With SWAPE, Matt’s responsibilities have included:

- Lead analyst and testifying expert in the review of over 100 environmental impact reports since 2003 under CEQA that identify significant issues with regard to hazardous waste, water resources, water quality, air quality, Valley Fever, greenhouse gas emissions, and geologic hazards. Make recommendations for additional mitigation measures to lead agencies at the local and county level to include additional characterization of health risks and implementation of protective measures to reduce worker exposure to hazards from toxins and Valley Fever.
- Stormwater analysis, sampling and best management practice evaluation at industrial facilities.
- Manager of a project to provide technical assistance to a community adjacent to a former Naval shipyard under a grant from the U.S. EPA.
- Technical assistance and litigation support for vapor intrusion concerns.
- Lead analyst and testifying expert in the review of environmental issues in license applications for large solar power plants before the California Energy Commission.
- Manager of a project to evaluate numerous formerly used military sites in the western U.S.
- Manager of a comprehensive evaluation of potential sources of perchlorate contamination in Southern California drinking water wells.
- Manager and designated expert for litigation support under provisions of Proposition 65 in the review of releases of gasoline to sources drinking water at major refineries and hundreds of gas stations throughout California.
- Expert witness on two cases involving MTBE litigation.
- Expert witness and litigation support on the impact of air toxins and hazards at a school.
- Expert witness in litigation at a former plywood plant.

With Komex H2O Science Inc., Matt’s duties included the following:

- Senior author of a report on the extent of perchlorate contamination that was used in testimony by the former U.S. EPA Administrator and General Counsel.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of MTBE use, research, and regulation.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of perchlorate use, research, and regulation.
- Senior researcher in a study that estimates nationwide costs for MTBE remediation and drinking water treatment, results of which were published in newspapers nationwide and in testimony against provisions of an energy bill that would limit liability for oil companies.
- Research to support litigation to restore drinking water supplies that have been contaminated by MTBE in California and New York.

- Expert witness testimony in a case of oil production-related contamination in Mississippi.
- Lead author for a multi-volume remedial investigation report for an operating school in Los Angeles that met strict regulatory requirements and rigorous deadlines.

- Development of strategic approaches for cleanup of contaminated sites in consultation with clients and regulators.

### **Executive Director:**

As Executive Director with Orange Coast Watch, Matt led efforts to restore water quality at Orange County beaches from multiple sources of contamination including urban runoff and the discharge of wastewater. In reporting to a Board of Directors that included representatives from leading Orange County universities and businesses, Matt prepared issue papers in the areas of treatment and disinfection of wastewater and control of the discharge of grease to sewer systems. Matt actively participated in the development of countywide water quality permits for the control of urban runoff and permits for the discharge of wastewater. Matt worked with other nonprofits to protect and restore water quality, including Surfrider, Natural Resources Defense Council and Orange County CoastKeeper as well as with business institutions including the Orange County Business Council.

### **Hydrogeology:**

As a Senior Hydrogeologist with the U.S. Environmental Protection Agency, Matt led investigations to characterize and cleanup closing military bases, including Mare Island Naval Shipyard, Hunters Point Naval Shipyard, Treasure Island Naval Station, Alameda Naval Station, Moffett Field, Mather Army Airfield, and Sacramento Army Depot. Specific activities were as follows:

- Led efforts to model groundwater flow and contaminant transport, ensured adequacy of monitoring networks, and assessed cleanup alternatives for contaminated sediment, soil, and groundwater.
- Initiated a regional program for evaluation of groundwater sampling practices and laboratory analysis at military bases.
- Identified emerging issues, wrote technical guidance, and assisted in policy and regulation development through work on four national U.S. EPA workgroups, including the Superfund Groundwater Technical Forum and the Federal Facilities Forum.

At the request of the State of Hawaii, Matt developed a methodology to determine the vulnerability of groundwater to contamination on the islands of Maui and Oahu. He used analytical models and a GIS to show zones of vulnerability, and the results were adopted and published by the State of Hawaii and County of Maui.

As a hydrogeologist with the EPA Groundwater Protection Section, Matt worked with provisions of the Safe Drinking Water Act and NEPA to prevent drinking water contamination. Specific activities included the following:

- Received an EPA Bronze Medal for his contribution to the development of national guidance for the protection of drinking water.
- Managed the Sole Source Aquifer Program and protected the drinking water of two communities through designation under the Safe Drinking Water Act. He prepared geologic reports, conducted public hearings, and responded to public comments from residents who were very concerned about the impact of designation.

- Reviewed a number of Environmental Impact Statements for planned major developments, including large hazardous and solid waste disposal facilities, mine reclamation, and water transfer.

Matt served as a hydrogeologist with the RCRA Hazardous Waste program. Duties were as follows:

- Supervised the hydrogeologic investigation of hazardous waste sites to determine compliance with Subtitle C requirements.
- Reviewed and wrote "part B" permits for the disposal of hazardous waste.
- Conducted RCRA Corrective Action investigations of waste sites and led inspections that formed the basis for significant enforcement actions that were developed in close coordination with U.S. EPA legal counsel.
- Wrote contract specifications and supervised contractor's investigations of waste sites.

With the National Park Service, Matt directed service-wide investigations of contaminant sources to prevent degradation of water quality, including the following tasks:

- Applied pertinent laws and regulations including CERCLA, RCRA, NEPA, NRDA, and the Clean Water Act to control military, mining, and landfill contaminants.
- Conducted watershed-scale investigations of contaminants at parks, including Yellowstone and Olympic National Park.
- Identified high-levels of perchlorate in soil adjacent to a national park in New Mexico and advised park superintendent on appropriate response actions under CERCLA.
- Served as a Park Service representative on the Interagency Perchlorate Steering Committee, a national workgroup.
- Developed a program to conduct environmental compliance audits of all National Parks while serving on a national workgroup.
- Co-authored two papers on the potential for water contamination from the operation of personal watercraft and snowmobiles, these papers serving as the basis for the development of nation-wide policy on the use of these vehicles in National Parks.
- Contributed to the Federal Multi-Agency Source Water Agreement under the Clean Water Action Plan.

### **Policy:**

Served senior management as the Senior Science Policy Advisor with the U.S. Environmental Protection Agency, Region 9. Activities included the following:

- Advised the Regional Administrator and senior management on emerging issues such as the potential for the gasoline additive MTBE and ammonium perchlorate to contaminate drinking water supplies.
- Shaped EPA's national response to these threats by serving on workgroups and by contributing to guidance, including the Office of Research and Development publication, *Oxygenates in Water: Critical Information and Research Needs*.
- Improved the technical training of EPA's scientific and engineering staff.
- Earned an EPA Bronze Medal for representing the region's 300 scientists and engineers in negotiations with the Administrator and senior management to better integrate scientific principles into the policy-making process.
- Established national protocol for the peer review of scientific documents.

### **Geology:**

With the U.S. Forest Service, Matt led investigations to determine hillslope stability of areas proposed for timber harvest in the central Oregon Coast Range. Specific activities were as follows:

- Mapped geology in the field, and used aerial photographic interpretation and mathematical models to determine slope stability.
- Coordinated his research with community members who were concerned with natural resource protection.
- Characterized the geology of an aquifer that serves as the sole source of drinking water for the city of Medford, Oregon.

As a consultant with Dames and Moore, Matt led geologic investigations of two contaminated sites (later listed on the Superfund NPL) in the Portland, Oregon, area and a large hazardous waste site in eastern Oregon. Duties included the following:

- Supervised year-long effort for soil and groundwater sampling.
- Conducted aquifer tests.
- Investigated active faults beneath sites proposed for hazardous waste disposal.

### **Teaching:**

From 1990 to 1998, Matt taught at least one course per semester at the community college and university levels:

- At San Francisco State University, held an adjunct faculty position and taught courses in environmental geology, oceanography (lab and lecture), hydrogeology, and groundwater contamination.
- Served as a committee member for graduate and undergraduate students.
- Taught courses in environmental geology and oceanography at the College of Marin.

Matt taught physical geology (lecture and lab and introductory geology at Golden West College in Huntington Beach, California from 2010 to 2014.

### **Invited Testimony, Reports, Papers and Presentations:**

**Hagemann, M.F.**, 2008. Disclosure of Hazardous Waste Issues under CEQA. Presentation to the Public Environmental Law Conference, Eugene, Oregon.

**Hagemann, M.F.**, 2008. Disclosure of Hazardous Waste Issues under CEQA. Invited presentation to U.S. EPA Region 9, San Francisco, California.

**Hagemann, M.F.**, 2005. Use of Electronic Databases in Environmental Regulation, Policy Making and Public Participation. Brownfields 2005, Denver, Colorado.

**Hagemann, M.F.**, 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Nevada and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Las Vegas, NV (served on conference organizing committee).

**Hagemann, M.F.**, 2004. Invited testimony to a California Senate committee hearing on air toxins at schools in Southern California, Los Angeles.

Brown, A., Farrow, J., Gray, A. and **Hagemann, M.**, 2004. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to the Ground Water and Environmental Law Conference, National Groundwater Association.

**Hagemann, M.F.**, 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Arizona and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Phoenix, AZ (served on conference organizing committee).

**Hagemann, M.F.**, 2003. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in the Southwestern U.S. Invited presentation to a special committee meeting of the National Academy of Sciences, Irvine, CA.

**Hagemann, M.F.**, 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a tribal EPA meeting, Pechanga, CA.

**Hagemann, M.F.**, 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a meeting of tribal representatives, Parker, AZ.

**Hagemann, M.F.**, 2003. Impact of Perchlorate on the Colorado River and Associated Drinking Water Supplies. Invited presentation to the Inter-Tribal Meeting, Torres Martinez Tribe.

**Hagemann, M.F.**, 2003. The Emergence of Perchlorate as a Widespread Drinking Water Contaminant. Invited presentation to the U.S. EPA Region 9.

**Hagemann, M.F.**, 2003. A Deductive Approach to the Assessment of Perchlorate Contamination. Invited presentation to the California Assembly Natural Resources Committee.

**Hagemann, M.F.**, 2003. Perchlorate: A Cold War Legacy in Drinking Water. Presentation to a meeting of the National Groundwater Association.

**Hagemann, M.F.**, 2002. From Tank to Tap: A Chronology of MTBE in Groundwater. Presentation to a meeting of the National Groundwater Association.

**Hagemann, M.F.**, 2002. A Chronology of MTBE in Groundwater and an Estimate of Costs to Address Impacts to Groundwater. Presentation to the annual meeting of the Society of Environmental Journalists.

**Hagemann, M.F.**, 2002. An Estimate of the Cost to Address MTBE Contamination in Groundwater (and Who Will Pay). Presentation to a meeting of the National Groundwater Association.

**Hagemann, M.F.**, 2002. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to a meeting of the U.S. EPA and State Underground Storage Tank Program managers.

**Hagemann, M.F.**, 2001. From Tank to Tap: A Chronology of MTBE in Groundwater. Unpublished report.

**Hagemann, M.F.**, 2001. Estimated Cleanup Cost for MTBE in Groundwater Used as Drinking Water. Unpublished report.

**Hagemann, M.F.**, 2001. Estimated Costs to Address MTBE Releases from Leaking Underground Storage Tanks. Unpublished report.

**Hagemann, M.F.**, and VanMouwerik, M., 1999. Potential Water Quality Concerns Related to Snowmobile Usage. Water Resources Division, National Park Service, Technical Report.

VanMouwerik, M. and **Hagemann, M.F.** 1999, Water Quality Concerns Related to Personal Watercraft Usage. Water Resources Division, National Park Service, Technical Report.

**Hagemann, M.F.**, 1999, Is Dilution the Solution to Pollution in National Parks? The George Wright Society Biannual Meeting, Asheville, North Carolina.

**Hagemann, M.F.**, 1997, The Potential for MTBE to Contaminate Groundwater. U.S. EPA Superfund Groundwater Technical Forum Annual Meeting, Las Vegas, Nevada.

**Hagemann, M.F.**, and Gill, M., 1996, Impediments to Intrinsic Remediation, Moffett Field Naval Air Station, Conference on Intrinsic Remediation of Chlorinated Hydrocarbons, Salt Lake City.

**Hagemann, M.F.**, Fukunaga, G.L., 1996, The Vulnerability of Groundwater to Anthropogenic Contaminants on the Island of Maui, Hawaii. Hawaii Water Works Association Annual Meeting, Maui, October 1996.

**Hagemann, M. F.**, Fukanaga, G. L., 1996, Ranking Groundwater Vulnerability in Central Oahu, Hawaii. Proceedings, Geographic Information Systems in Environmental Resources Management, Air and Waste Management Association Publication VIP-61.

**Hagemann, M.F.**, 1994. Groundwater Characterization and Cleanup at Closing Military Bases in California. Proceedings, California Groundwater Resources Association Meeting.

**Hagemann, M.F.** and Sabol, M.A., 1993. Role of the U.S. EPA in the High Plains States Groundwater Recharge Demonstration Program. Proceedings, Sixth Biennial Symposium on the Artificial Recharge of Groundwater.

**Hagemann, M.F.**, 1993. U.S. EPA Policy on the Technical Impracticability of the Cleanup of DNAPL-contaminated Groundwater. California Groundwater Resources Association Meeting.

**Hagemann, M.F.**, 1992. Dense Nonaqueous Phase Liquid Contamination of Groundwater: An Ounce of Prevention... Proceedings, Association of Engineering Geologists Annual Meeting, v. 35.

**Other Experience:**

Selected as subject matter expert for the California Professional Geologist licensing examination, 2009-2011.

## **EXHIBIT D**

# Los Angeles Department of Building and Safety

## Certificate Information: 905 S BEACON AVE 90015

**Application / Permit**

20010-10000-01124

**Plan Check / Job No.**

B20LA06257

**Group**

Building

**Type**

Bldg-New

**Sub-Type**

Commercial

**Primary Use**

(5) Apartment

**Work Description**

New 7-story mixed-use building. 145-unit including 15 ELI units Apartment with ground floor Commercial (retail) and 2 levels of subterranean and ground floor Parking. 5 levels of Type IIIA Residential over 1 level of Type IA Commercial and Parking over 2 levels of Type IA subterranean Parking. TOC w/ base and add'l incentives.

**Permit Issued**

No

**Current Status**

Application Submittal on 4/3/2020

### Permit Application Status History

No Data Available.

### Permit Application Clearance Information

|                                |             |           |                                           |
|--------------------------------|-------------|-----------|-------------------------------------------|
| Address approval               | Not Cleared | 7/23/2020 | Bureau of Engineering                     |
| Building over 36-ft            | Not Cleared | 7/23/2020 | Cal Occ. Safety and Health Administration |
| Comm Cor/Mini-Mall             | Not Cleared | 7/23/2020 | City Planning Department                  |
| Comm Cor/Mini-Mall             | Not Cleared | 7/23/2020 | City Planning Department                  |
| Comm Cor/Mini-Mall             | Not Cleared | 7/23/2020 | City Planning Department                  |
| Construction near power lines  | Not Cleared | 7/23/2020 | Department of Water and Power             |
| DAS Clearance                  | Not Cleared | 7/23/2020 | Department of Building and Safety         |
| Density Bonus 12.22.A.31       | Not Cleared | 7/23/2020 | Los Angeles Housing Department            |
| Driveway location              | Not Cleared | 7/23/2020 | Department of Transportation              |
| Eng Process Fee Ord 176,300    | Not Cleared | 7/23/2020 | Bureau of Engineering                     |
| Excavation more than 5-ft deep | Not Cleared | 7/23/2020 | Cal Occ. Safety and Health Administration |
| Fire Marshall Fire Life Safety | Not Cleared | 7/23/2020 | Los Angeles Fire Department               |
| Frnt yard landscape/Water mgmt | Not Cleared | 7/23/2020 | City Planning Department                  |
| Green Code                     | Not Cleared | 7/23/2020 | Department of Building and Safety         |
| Highway dedication             | Not Cleared | 7/23/2020 | Bureau of Engineering                     |
| Historic Resource Verification | Not Cleared | 7/23/2020 | City Planning Department                  |
| Hydrant and Access approval    | Not Cleared | 7/23/2020 | Los Angeles Fire Department               |
| Internal circulation           | Not Cleared | 7/23/2020 | Department of Transportation              |
| Low Impact Development         | Not Cleared | 7/23/2020 | Bureau of Sanitation                      |
| Opn space landscape/Water mgmt | Not Cleared | 7/23/2020 | City Planning Department                  |
| Permit                         | Not Cleared | 7/23/2020 | Bureau of Engineering                     |
| Redevelopment Project Area     | Not Cleared | 7/23/2020 | City Planning Department                  |
| Roof/Waste drainage to street  | Not Cleared | 7/23/2020 | Bureau of Engineering                     |
| Senate Bill 35                 | Not Cleared | 7/23/2020 | City Planning Department                  |
| Sewer availability             | Not Cleared | 7/23/2020 | Bureau of Engineering                     |
| Site Plan review               | Not Cleared | 7/23/2020 | City Planning Department                  |

|                             |             |           |                           |
|-----------------------------|-------------|-----------|---------------------------|
| Trees in Parkway            | Not Cleared | 7/23/2020 | Bureau of Street Services |
| Work Adjacent to Public Way | Not Cleared | 7/23/2020 | Bureau of Engineering     |
| ZA Case                     | Not Cleared | 7/23/2020 | City Planning Department  |

Contact Information

No Data Available.

Inspector Information

No Data Available.

Pending Inspections

No Data Available.

Inspection Request History

No Data Available.

## **EXHIBIT E**



# City of Los Angeles Department of City Planning

## 6/5/2023 PARCEL PROFILE REPORT

### PROPERTY ADDRESSES

905 S BEACON AVE  
1720 W JAMES M. WOOD BLVD

### ZIP CODES

90015

### RECENT ACTIVITY

VTT-83227-CN-HCA

### CASE NUMBERS

CPC-2018-6005-CA  
CPC-2013-3169  
CPC-1984-1-HD  
ORD-161116-SA38A  
DIR-2020-7604-SPR-TOC-HCA  
VTT-83227-CN-HCA  
ENV-2020-7605-SCPE  
ENV-2019-4121-ND  
ENV-2018-6006-CE  
ENV-2013-3392-CE  
ENV-2013-3170-CE  
AFF-15522

### Address/Legal Information

|                              |                    |
|------------------------------|--------------------|
| PIN Number                   | 130-5A203 206      |
| Lot/Parcel Area (Calculated) | 8,478.0 (sq ft)    |
| Thomas Brothers Grid         | PAGE 634 - GRID C4 |
| Assessor Parcel No. (APN)    | 5137001034         |
| Tract                        | CURLETT TRACT      |
| Map Reference                | M R 60-78 L S 4-41 |
| Block                        | None               |
| Lot                          | 1                  |
| Arb (Lot Cut Reference)      | None               |
| Map Sheet                    | 130-5A203          |

### Jurisdictional Information

|                          |                           |
|--------------------------|---------------------------|
| Community Plan Area      | Westlake                  |
| Area Planning Commission | Central                   |
| Neighborhood Council     | Westlake South            |
| Council District         | CD 1 - Eunisses Hernandez |
| Census Tract #           | 2095.20                   |
| LADBS District Office    | Los Angeles Metro         |

### Permitting and Zoning Compliance Information

|                       |      |
|-----------------------|------|
| Administrative Review | None |
|-----------------------|------|

### Planning and Zoning Information

|                                         |                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special Notes                           | None                                                                                                                                                                                                                                                                                                                         |
| Zoning                                  | C2-1                                                                                                                                                                                                                                                                                                                         |
| Zoning Information (ZI)                 | ZI-2452 Transit Priority Area in the City of Los Angeles<br>ZI-2374 State Enterprise Zone: Los Angeles<br>ZI-2452 Transit Priority Area in the City of Los Angeles<br>ZI-2498 Local Emergency Temporary Regulations - Time Limits and Parking Relief - LAMC 16.02.1<br>ZI-2488 Redevelopment Project Area: Westlake Recovery |
| General Plan Land Use                   | Highway Oriented Commercial                                                                                                                                                                                                                                                                                                  |
| General Plan Note(s)                    | Yes                                                                                                                                                                                                                                                                                                                          |
| Hillside Area (Zoning Code)             | No                                                                                                                                                                                                                                                                                                                           |
| Specific Plan Area                      | None                                                                                                                                                                                                                                                                                                                         |
| Subarea                                 | None                                                                                                                                                                                                                                                                                                                         |
| Special Land Use / Zoning               | None                                                                                                                                                                                                                                                                                                                         |
| Historic Preservation Review            | No                                                                                                                                                                                                                                                                                                                           |
| Historic Preservation Overlay Zone      | None                                                                                                                                                                                                                                                                                                                         |
| Other Historic Designations             | None                                                                                                                                                                                                                                                                                                                         |
| Other Historic Survey Information       | None                                                                                                                                                                                                                                                                                                                         |
| Mills Act Contract                      | None                                                                                                                                                                                                                                                                                                                         |
| CDO: Community Design Overlay           | None                                                                                                                                                                                                                                                                                                                         |
| CPIO: Community Plan Imp. Overlay       | None                                                                                                                                                                                                                                                                                                                         |
| Subarea                                 | None                                                                                                                                                                                                                                                                                                                         |
| CUGU: Clean Up-Green Up                 | None                                                                                                                                                                                                                                                                                                                         |
| HCR: Hillside Construction Regulation   | No                                                                                                                                                                                                                                                                                                                           |
| NSO: Neighborhood Stabilization Overlay | No                                                                                                                                                                                                                                                                                                                           |
| POD: Pedestrian Oriented Districts      | None                                                                                                                                                                                                                                                                                                                         |

|                                                   |                                              |
|---------------------------------------------------|----------------------------------------------|
| RBP: Restaurant Beverage Program Eligible Area    | None                                         |
| RFA: Residential Floor Area District              | None                                         |
| RIO: River Implementation Overlay                 | No                                           |
| SN: Sign District                                 | No                                           |
| AB 2334: Very Low VMT                             | Yes                                          |
| AB 2097: Reduced Parking Areas                    | Yes                                          |
| Streetscape                                       | No                                           |
| Adaptive Reuse Incentive Area                     | None                                         |
| Affordable Housing Linkage Fee                    |                                              |
| Residential Market Area                           | Medium                                       |
| Non-Residential Market Area                       | Medium                                       |
| Transit Oriented Communities (TOC)                | Tier 3                                       |
| ED 1 Eligibility                                  | Eligible Site                                |
| RPA: Redevelopment Project Area                   | Westlake Recovery                            |
| Central City Parking                              | No                                           |
| Downtown Parking                                  | No                                           |
| Building Line                                     | None                                         |
| 500 Ft School Zone                                | No                                           |
| 500 Ft Park Zone                                  | No                                           |
| <b>Assessor Information</b>                       |                                              |
| Assessor Parcel No. (APN)                         | 5137001034                                   |
| APN Area (Co. Public Works)*                      | 0.344 (ac)                                   |
| Use Code                                          | 100V - Commercial - Commercial - Vacant Land |
| Assessed Land Val.                                | \$520,054                                    |
| Assessed Improvement Val.                         | \$0                                          |
| Last Owner Change                                 | 12/31/2001                                   |
| Last Sale Amount                                  | \$385,003                                    |
| Tax Rate Area                                     | 12706                                        |
| Deed Ref No. (City Clerk)                         | 2205                                         |
|                                                   | 1704723                                      |
|                                                   | 1089714                                      |
| Building 1                                        | No data for building 1                       |
| Building 2                                        | No data for building 2                       |
| Building 3                                        | No data for building 3                       |
| Building 4                                        | No data for building 4                       |
| Building 5                                        | No data for building 5                       |
| Rent Stabilization Ordinance (RSO)                | No [APN: 5137001034]                         |
| <b>Additional Information</b>                     |                                              |
| Airport Hazard                                    | None                                         |
| Coastal Zone                                      | None                                         |
| Santa Monica Mountains Zone                       | No                                           |
| Farmland                                          | Area Not Mapped                              |
| Urban Agriculture Incentive Zone                  | YES                                          |
| Very High Fire Hazard Severity Zone               | No                                           |
| Fire District No. 1                               | No                                           |
| Flood Zone                                        | Outside Flood Zone                           |
| Watercourse                                       | No                                           |
| Hazardous Waste / Border Zone Properties          | No                                           |
| Methane Hazard Site                               | None                                         |
| High Wind Velocity Areas                          | No                                           |
| Special Grading Area (BOE Basic Grid Map A-13372) | No                                           |
| Wells                                             | None                                         |
| <b>Seismic Hazards</b>                            |                                              |

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at [zimas.lacity.org](https://zimas.lacity.org)  
 (\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Active Fault Near-Source Zone                       |                                                                     |
| Nearest Fault (Distance in km)                      | 0.198967344                                                         |
| Nearest Fault (Name)                                | Puente Hills Blind Thrust                                           |
| Region                                              | Los Angeles Blind Thrusts                                           |
| Fault Type                                          | B                                                                   |
| Slip Rate (mm/year)                                 | 0.70000000                                                          |
| Slip Geometry                                       | Reverse                                                             |
| Slip Type                                           | Moderately / Poorly Constrained                                     |
| Down Dip Width (km)                                 | 19.00000000                                                         |
| Rupture Top                                         | 5.00000000                                                          |
| Rupture Bottom                                      | 13.00000000                                                         |
| Dip Angle (degrees)                                 | 25.00000000                                                         |
| Maximum Magnitude                                   | 7.10000000                                                          |
| Alquist-Priolo Fault Zone                           | No                                                                  |
| Landslide                                           | No                                                                  |
| Liquefaction                                        | No                                                                  |
| Preliminary Fault Rupture Study Area                | No                                                                  |
| Tsunami Inundation Zone                             | No                                                                  |
| <b>Economic Development Areas</b>                   |                                                                     |
| Business Improvement District                       | None                                                                |
| Hubzone                                             | Qualified                                                           |
| Jobs and Economic Development Incentive Zone (JEDI) | None                                                                |
| Opportunity Zone                                    | No                                                                  |
| Promise Zone                                        | None                                                                |
| State Enterprise Zone                               | LOS ANGELES STATE ENTERPRISE ZONE                                   |
| <b>Housing</b>                                      |                                                                     |
| Direct all Inquiries to                             | Los Angeles Housing Department                                      |
| Telephone                                           | (866) 557-7368                                                      |
| Website                                             | <a href="https://housing.lacity.org">https://housing.lacity.org</a> |
| Rent Stabilization Ordinance (RSO)                  | No [APN: 5137001034]                                                |
| Ellis Act Property                                  | No                                                                  |
| AB 1482: Tenant Protection Act                      | No                                                                  |
| Housing Crisis Act Replacement Review               | Yes                                                                 |
| Housing Element Sites                               |                                                                     |
| HE Replacement Required                             | N/A                                                                 |
| SB 166 Units                                        | N/A                                                                 |
| Housing Use within Prior 5 Years                    | No                                                                  |
| <b>Public Safety</b>                                |                                                                     |
| Police Information                                  |                                                                     |
| Bureau                                              | Central                                                             |
| Division / Station                                  | Rampart                                                             |
| Reporting District                                  | 275                                                                 |
| Fire Information                                    |                                                                     |
| Bureau                                              | Central                                                             |
| Battalion                                           | 11                                                                  |
| District / Fire Station                             | 11                                                                  |
| Red Flag Restricted Parking                         | No                                                                  |

## CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

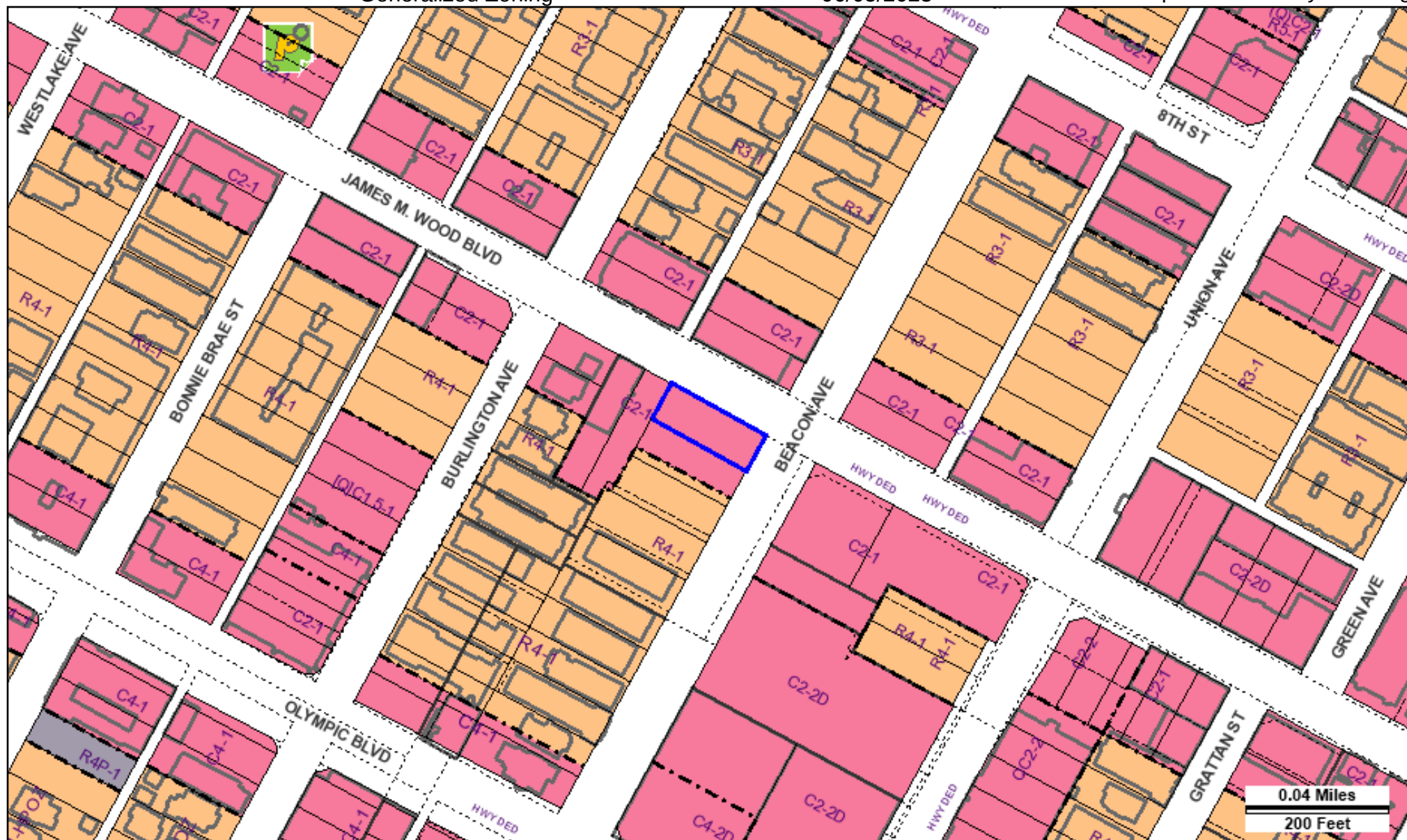
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case Number:             | CPC-2018-6005-CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | CA-CODE AMENDMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                                                                                                                  |
| Case Number:             | CPC-2013-3169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Required Action(s):      | Data Not Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project Descriptions(s): | THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING                                                                                    |
| Case Number:             | CPC-1984-1-HD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Required Action(s):      | HD-HEIGHT DISTRICT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project Descriptions(s): | CHANGE OF HEIGHT DISTRICT WITHIN THE "CORE AREA OF L.A."- GENERAL PLAN ZONE CONSISTENCY PROGRAM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Case Number:             | DIR-2020-7604-SPR-TOC-HCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Required Action(s):      | SPR-SITE PLAN REVIEW<br>TOC-TRANSIT ORIENTED COMMUNITIES<br>HCA-HOUSING CRISIS ACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project Descriptions(s): | PURSUANT TO LOS ANGELES MUNICIPAL CODE (LAMC) SECTION 16.05, A SITE PLAN REVIEW TO ALLOW A DEVELOPMENT PROJECT THAT CREATES OR RESULTS IN AN INCREASE OF 50 OR MORE DWELLING UNITS; PURSUANT TO LAMC SECTION 12.22-A,31, A PROJECT UNDER THE TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM UTILIZING BASE INCENTIVES AND THREE ADDITIONAL INCENTIVES TO ALLOW INCREASED DENSITY, INCREASED FLOOR AREA RATIO (FAR), DECREASED PARKING, REDUCED FRONT AND SIDE YARDS, AND AVERAGED FAR; AND PURSUANT TO LAMC SECTION 17.15, A VESTING TENTATIVE TRACT MAP TO ALLOW THE MERGING OF THE LOTS AND CREATION OF ONE LOT. |
| Case Number:             | VTT-83227-CN-HCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | CN-NEW CONDOMINIUMS<br>HCA-HOUSING CRISIS ACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Project Descriptions(s): | PURSUANT TO LOS ANGELES MUNICIPAL CODE (LAMC) SECTION 16.05, A SITE PLAN REVIEW TO ALLOW A DEVELOPMENT PROJECT THAT CREATES OR RESULTS IN AN INCREASE OF 50 OR MORE DWELLING UNITS; PURSUANT TO LAMC SECTION 12.22-A,31, A PROJECT UNDER THE TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM UTILIZING BASE INCENTIVES AND THREE ADDITIONAL INCENTIVES TO ALLOW INCREASED DENSITY, INCREASED FLOOR AREA RATIO (FAR), DECREASED PARKING, REDUCED FRONT AND SIDE YARDS, AND AVERAGED FAR; AND PURSUANT TO LAMC SECTION 17.15, A VESTING TENTATIVE TRACT MAP TO ALLOW THE MERGING OF THE LOTS AND CREATION OF ONE LOT. |
| Case Number:             | ENV-2020-7605-SCPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Required Action(s):      | SCPE-SUSTAINABLE COMMUNITIES PRIORITY EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Project Descriptions(s): | PURSUANT TO LOS ANGELES MUNICIPAL CODE (LAMC) SECTION 16.05, A SITE PLAN REVIEW TO ALLOW A DEVELOPMENT PROJECT THAT CREATES OR RESULTS IN AN INCREASE OF 50 OR MORE DWELLING UNITS; PURSUANT TO LAMC SECTION 12.22-A,31, A PROJECT UNDER THE TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM UTILIZING BASE INCENTIVES AND THREE ADDITIONAL INCENTIVES TO ALLOW INCREASED DENSITY, INCREASED FLOOR AREA RATIO (FAR), DECREASED PARKING, REDUCED FRONT AND SIDE YARDS, AND AVERAGED FAR; AND PURSUANT TO LAMC SECTION 17.15, A VESTING TENTATIVE TRACT MAP TO ALLOW THE MERGING OF THE LOTS AND CREATION OF ONE LOT. |
| Case Number:             | ENV-2019-4121-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | ND-NEGATIVE DECLARATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                                                                                                                  |
| Case Number:             | ENV-2018-6006-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                                                                                                                  |
| Case Number:             | ENV-2013-3392-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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(\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.                                                                                                                                                                                                                                                                                                 |
| Case Number:             | ENV-2013-3170-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING |

**DATA NOT AVAILABLE**

ORD-161116-SA38A  
AFF-15522



Address: 905 S BEACON AVE

APN: 5137001034

PIN #: 130-5A203 206

Tract: CURLETT TRACT

Block: None

Lot: 1

Arb: None

Zoning: C2-1

General Plan: Highway Oriented Commercial



# LEGEND

## GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP, MU, NMU
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL, HJ, HR, NI
- P, PB
- PF

## GENERAL PLAN LAND USE

### LAND USE

#### RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

#### COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial - Mixed High Residential
- Regional Center Commercial

### FRAMEWORK

#### COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

#### INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

#### PARKING

- Parking Buffer

#### PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

#### LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

#### OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

#### INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)

- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

## POINTS OF INTEREST

|                                                                                                                        |                                                                                                                            |                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  Alternative Youth Hostel (Proposed)    |  Horticultural Center                     |  Public Elementary School                 |
|  Animal Shelter                         |  Hospital                                 |  Public Elementary School (Proposed)      |
|  Area Library                           |  Hospital (Proposed)                      |  Public Golf Course                       |
|  Area Library (Proposed)                | <b>HW</b> House of Worship                                                                                                 |  Public Golf Course (Proposed)            |
|  Bridge                                 | <b>e</b> Important Ecological Area                                                                                         |  Public Housing                           |
|  Campground                             |  Important Ecological Area (Proposed)     |  Public Housing (Proposed Expansion)      |
|  Campground (Proposed)                  |  Interpretive Center (Proposed)           |  Public Junior High School                |
|  Cemetery                               |  Junior College                           |  Public Junior High School (Proposed)     |
| <b>HW</b> Church                                                                                                       |  MTA / Metrolink Station                  |  Public Middle School                     |
|  City Hall                              |  MTA Station                              |  Public Senior High School                |
|  Community Center                       |  MTA Stop                                 |  Public Senior High School (Proposed)     |
|  Community Library                      | <b>MWD</b> MWD Headquarters                                                                                                |  Pumping Station                          |
|  Community Library (Proposed Expansion) |  Maintenance Yard                         |  Pumping Station (Proposed)               |
|  Community Library (Proposed)           |  Municipal Office Building                |  Refuse Collection Center                 |
|  Community Park                         | <b>P</b> Municipal Parking lot                                                                                             |  Regional Library                         |
|  Community Park (Proposed Expansion)    |  Neighborhood Park                        |  Regional Library (Proposed Expansion)    |
|  Community Park (Proposed)              |  Neighborhood Park (Proposed Expansion)   |  Regional Library (Proposed)              |
|  Community Transit Center               |  Neighborhood Park (Proposed)             |  Regional Park                            |
|  Convalescent Hospital                 |  Oil Collection Center                   |  Regional Park (Proposed)                |
|  Correctional Facility                |  Parking Enforcement                    | <b>RPD</b> Residential Plan Development                                                                                      |
|  Cultural / Historic Site (Proposed)  |  Police Headquarters                    |  Scenic View Site                       |
|  Cultural / Historical Site           |  Police Station                         |  Scenic View Site (Proposed)            |
|  Cultural Arts Center                 |  Police Station (Proposed Expansion)    |  School District Headquarters           |
| <b>DMV</b> DMV Office                                                                                                  |  Police Station (Proposed)              |  School Unspecified Loc/Type (Proposed) |
| <b>DWP</b> DWP                                                                                                         |  Police Training site                   |  Skill Center                           |
|  DWP Pumping Station                  | <b>PO</b> Post Office                                                                                                      |  Social Services                        |
|  Equestrian Center                    |  Power Distribution Station             |  Special Feature                        |
|  Fire Department Headquarters         |  Power Distribution Station (Proposed)  |  Special Recreation (a)                 |
|  Fire Station                         |  Power Receiving Station                |  Special School Facility                |
|  Fire Station (Proposed Expansion)    |  Power Receiving Station (Proposed)     |  Special School Facility (Proposed)     |
|  Fire Station (Proposed)              | <b>C</b> Private College                                                                                                   |  Steam Plant                            |
|  Fire Supply & Maintenance            | <b>E</b> Private Elementary School                                                                                         |  Surface Mining                         |
|  Fire Training Site                   |  Private Golf Course                    |  Trail & Assembly Area                  |
|  Fireboat Station                     |  Private Golf Course (Proposed)         |  Trail & Assembly Area (Proposed)       |
|  Health Center / Medical Facility     | <b>JH</b> Private Junior High School                                                                                       | <b>UTL</b> Utility Yard                                                                                                      |
|  Helistop                             | <b>PS</b> Private Pre-School                                                                                               |  Water Tank Reservoir                   |
|  Historic Monument                    |  Private Recreation & Cultural Facility |  Wildlife Migration Corridor            |
|  Historical / Cultural Monument       | <b>SH</b> Private Senior High School                                                                                       |  Wildlife Preserve Gate                 |
|  Horsekeeping Area                    | <b>SF</b> Private Special School                                                                                           |                                                                                                                              |
|  Horsekeeping Area (Proposed)         |  Public Elementary (Proposed Expansion) |                                                                                                                              |

SCHOOLS/PARKS WITH 500 FT. BUFFER

-  Existing School/Park Site
-  Planned School/Park Site
-  Inside 500 Ft. Buffer

-  Aquatic Facilities
-  Other Facilities
-  Opportunity School
-  Beaches
-  Park / Recreation Centers
-  Charter School
-  Child Care Centers
-  Parks
-  Elementary School
-  Dog Parks
-  Performing / Visual Arts Centers
-  Span School
-  Golf Course
-  Recreation Centers
-  Special Education School
-  Historic Sites
-  Senior Citizen Centers
-  High School
-  Horticulture/Gardens
-  Middle School
-  Skate Parks
-  Early Education Center

COASTAL ZONE

-  Coastal Commission Permit Area
-  Dual Permit Jurisdiction Area
-  Single Permit Jurisdiction Area
-  Not in Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

-  Tier 1
-  Tier 3
-  Tier 2
-  Tier 4

**Note:** TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

-  Public Work Approval (PWA)
-  Waiver of Dedication or Improvement (WDI)

OTHER SYMBOLS

-  Lot Line
-  Tract Line
-  Lot Cut
-  Easement
-  Zone Boundary
-  Building Line
-  Lot Split
-  Community Driveway
-  Building Outlines 2020
-  Building Outlines 2017
-  Airport Hazard Zone
-  Census Tract
-  Coastal Zone
-  Council District
-  LADBS District Office
-  Downtown Parking
-  Fault Zone
-  Fire District No. 1
-  Tract Map
-  Parcel Map
-  Flood Zone
-  Hazardous Waste
-  High Wind Zone
-  Hillside Grading
-  Historic Preservation Overlay Zone
-  Specific Plan Area
-  Very High Fire Hazard Severity Zone
-  Wells



# City of Los Angeles Department of City Planning

## 6/5/2023 PARCEL PROFILE REPORT

### PROPERTY ADDRESSES

923 S BEACON AVE

### ZIP CODES

90015

### RECENT ACTIVITY

VTT-83227-CN-HCA

### CASE NUMBERS

CPC-2018-6005-CA

CPC-2013-3169

CPC-1984-1-HD

ORD-161116-SA38A

DIR-2020-7604-SPR-TOC-HCA

VTT-83227-CN-HCA

ENV-2020-7605-SCPE

ENV-2019-4121-ND

ENV-2018-6006-CE

ENV-2013-3392-CE

ENV-2013-3170-CE

### Address/Legal Information

|                              |                    |
|------------------------------|--------------------|
| PIN Number                   | 130-5A203 241      |
| Lot/Parcel Area (Calculated) | 8,053.8 (sq ft)    |
| Thomas Brothers Grid         | PAGE 634 - GRID C4 |
| Assessor Parcel No. (APN)    | 5137001003         |
| Tract                        | CURLETT TRACT      |
| Map Reference                | M R 60-78 L S 4-41 |
| Block                        | None               |
| Lot                          | 4                  |
| Arb (Lot Cut Reference)      | 2                  |
| Map Sheet                    | 130-5A203          |

### Jurisdictional Information

|                          |                           |
|--------------------------|---------------------------|
| Community Plan Area      | Westlake                  |
| Area Planning Commission | Central                   |
| Neighborhood Council     | Westlake South            |
| Council District         | CD 1 - Eunisses Hernandez |
| Census Tract #           | 2095.20                   |
| LADBS District Office    | Los Angeles Metro         |

### Permitting and Zoning Compliance Information

|                       |      |
|-----------------------|------|
| Administrative Review | None |
|-----------------------|------|

### Planning and Zoning Information

|                                         |                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special Notes                           | None                                                                                                                                                                                                                                                                                                                                                                       |
| Zoning                                  | R4-1                                                                                                                                                                                                                                                                                                                                                                       |
| Zoning Information (ZI)                 | ZI-2452 Transit Priority Area in the City of Los Angeles<br>ZI-2452 Transit Priority Area in the City of Los Angeles<br>ZI-2498 Local Emergency Temporary Regulations - Time Limits and Parking Relief - LAMC 16.02.1<br>ZI-2488 Redevelopment Project Area: Westlake Recovery<br>ZI-2512 Housing Element Inventory of Sites<br>ZI-2374 State Enterprise Zone: Los Angeles |
| General Plan Land Use                   | High Medium Residential                                                                                                                                                                                                                                                                                                                                                    |
| General Plan Note(s)                    | Yes                                                                                                                                                                                                                                                                                                                                                                        |
| Hillside Area (Zoning Code)             | No                                                                                                                                                                                                                                                                                                                                                                         |
| Specific Plan Area                      | None                                                                                                                                                                                                                                                                                                                                                                       |
| Subarea                                 | None                                                                                                                                                                                                                                                                                                                                                                       |
| Special Land Use / Zoning               | None                                                                                                                                                                                                                                                                                                                                                                       |
| Historic Preservation Review            | No                                                                                                                                                                                                                                                                                                                                                                         |
| Historic Preservation Overlay Zone      | None                                                                                                                                                                                                                                                                                                                                                                       |
| Other Historic Designations             | None                                                                                                                                                                                                                                                                                                                                                                       |
| Other Historic Survey Information       | None                                                                                                                                                                                                                                                                                                                                                                       |
| Mills Act Contract                      | None                                                                                                                                                                                                                                                                                                                                                                       |
| CDO: Community Design Overlay           | None                                                                                                                                                                                                                                                                                                                                                                       |
| CPIO: Community Plan Imp. Overlay       | None                                                                                                                                                                                                                                                                                                                                                                       |
| Subarea                                 | None                                                                                                                                                                                                                                                                                                                                                                       |
| CUGU: Clean Up-Green Up                 | None                                                                                                                                                                                                                                                                                                                                                                       |
| HCR: Hillside Construction Regulation   | No                                                                                                                                                                                                                                                                                                                                                                         |
| NSO: Neighborhood Stabilization Overlay | No                                                                                                                                                                                                                                                                                                                                                                         |
| POD: Pedestrian Oriented Districts      | None                                                                                                                                                                                                                                                                                                                                                                       |

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(\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                                                   |                                                            |
|---------------------------------------------------|------------------------------------------------------------|
| RBP: Restaurant Beverage Program Eligible Area    | None                                                       |
| RFA: Residential Floor Area District              | None                                                       |
| RIO: River Implementation Overlay                 | No                                                         |
| SN: Sign District                                 | No                                                         |
| AB 2334: Very Low VMT                             | Yes                                                        |
| AB 2097: Reduced Parking Areas                    | Yes                                                        |
| Streetscape                                       | No                                                         |
| Adaptive Reuse Incentive Area                     | None                                                       |
| Affordable Housing Linkage Fee                    |                                                            |
| Residential Market Area                           | Medium                                                     |
| Non-Residential Market Area                       | Medium                                                     |
| Transit Oriented Communities (TOC)                | Tier 3                                                     |
| ED 1 Eligibility                                  | Eligible Site                                              |
| RPA: Redevelopment Project Area                   | Westlake Recovery                                          |
| Central City Parking                              | No                                                         |
| Downtown Parking                                  | No                                                         |
| Building Line                                     | None                                                       |
| 500 Ft School Zone                                | No                                                         |
| 500 Ft Park Zone                                  | No                                                         |
| <b>Assessor Information</b>                       |                                                            |
| Assessor Parcel No. (APN)                         | 5137001003                                                 |
| APN Area (Co. Public Works)*                      | 0.222 (ac)                                                 |
| Use Code                                          | 010V - Residential - Single Family Residence - Vacant Land |
| Assessed Land Val.                                | \$210,122                                                  |
| Assessed Improvement Val.                         | \$0                                                        |
| Last Owner Change                                 | 12/31/2002                                                 |
| Last Sale Amount                                  | \$82,500                                                   |
| Tax Rate Area                                     | 12706                                                      |
| Deed Ref No. (City Clerk)                         | 3-186                                                      |
|                                                   | 1-958                                                      |
|                                                   | 1-889                                                      |
| Building 1                                        | No data for building 1                                     |
| Building 2                                        | No data for building 2                                     |
| Building 3                                        | No data for building 3                                     |
| Building 4                                        | No data for building 4                                     |
| Building 5                                        | No data for building 5                                     |
| Rent Stabilization Ordinance (RSO)                | No [APN: 5137001003]                                       |
| <b>Additional Information</b>                     |                                                            |
| Airport Hazard                                    | None                                                       |
| Coastal Zone                                      | None                                                       |
| Santa Monica Mountains Zone                       | No                                                         |
| Farmland                                          | Area Not Mapped                                            |
| Urban Agriculture Incentive Zone                  | YES                                                        |
| Very High Fire Hazard Severity Zone               | No                                                         |
| Fire District No. 1                               | No                                                         |
| Flood Zone                                        | Outside Flood Zone                                         |
| Watercourse                                       | No                                                         |
| Hazardous Waste / Border Zone Properties          | No                                                         |
| Methane Hazard Site                               | None                                                       |
| High Wind Velocity Areas                          | No                                                         |
| Special Grading Area (BOE Basic Grid Map A-13372) | No                                                         |
| Wells                                             | None                                                       |
| <b>Seismic Hazards</b>                            |                                                            |

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 (\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                                                     |                                                                                                                                                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Active Fault Near-Source Zone                       |                                                                                                                                                                                                                       |
| Nearest Fault (Distance in km)                      | 0.149205696                                                                                                                                                                                                           |
| Nearest Fault (Name)                                | Puente Hills Blind Thrust                                                                                                                                                                                             |
| Region                                              | Los Angeles Blind Thrusts                                                                                                                                                                                             |
| Fault Type                                          | B                                                                                                                                                                                                                     |
| Slip Rate (mm/year)                                 | 0.70000000                                                                                                                                                                                                            |
| Slip Geometry                                       | Reverse                                                                                                                                                                                                               |
| Slip Type                                           | Moderately / Poorly Constrained                                                                                                                                                                                       |
| Down Dip Width (km)                                 | 19.00000000                                                                                                                                                                                                           |
| Rupture Top                                         | 5.00000000                                                                                                                                                                                                            |
| Rupture Bottom                                      | 13.00000000                                                                                                                                                                                                           |
| Dip Angle (degrees)                                 | 25.00000000                                                                                                                                                                                                           |
| Maximum Magnitude                                   | 7.10000000                                                                                                                                                                                                            |
| Alquist-Priolo Fault Zone                           | No                                                                                                                                                                                                                    |
| Landslide                                           | No                                                                                                                                                                                                                    |
| Liquefaction                                        | No                                                                                                                                                                                                                    |
| Preliminary Fault Rupture Study Area                | No                                                                                                                                                                                                                    |
| Tsunami Inundation Zone                             | No                                                                                                                                                                                                                    |
| <b>Economic Development Areas</b>                   |                                                                                                                                                                                                                       |
| Business Improvement District                       | None                                                                                                                                                                                                                  |
| Hubzone                                             | Qualified                                                                                                                                                                                                             |
| Jobs and Economic Development Incentive Zone (JEDI) | None                                                                                                                                                                                                                  |
| Opportunity Zone                                    | No                                                                                                                                                                                                                    |
| Promise Zone                                        | None                                                                                                                                                                                                                  |
| State Enterprise Zone                               | LOS ANGELES STATE ENTERPRISE ZONE                                                                                                                                                                                     |
| <b>Housing</b>                                      |                                                                                                                                                                                                                       |
| Direct all Inquiries to                             | Los Angeles Housing Department                                                                                                                                                                                        |
| Telephone                                           | (866) 557-7368                                                                                                                                                                                                        |
| Website                                             | <a href="https://housing.lacity.org">https://housing.lacity.org</a>                                                                                                                                                   |
| Rent Stabilization Ordinance (RSO)                  | No [APN: 5137001003]                                                                                                                                                                                                  |
| Ellis Act Property                                  | No                                                                                                                                                                                                                    |
| AB 1482: Tenant Protection Act                      | See Notes                                                                                                                                                                                                             |
| Assessor Parcel No. (APN)                           | 5137001003                                                                                                                                                                                                            |
| Address                                             | 919 BEACON AVE                                                                                                                                                                                                        |
| Use Code                                            | 010V - Residential - Single Family Residence - Vacant Land                                                                                                                                                            |
| Notes                                               | The property is subject to AB 1482 if the owner is a corporation, limited liability company with a corporate member, or real estate trust. Does not apply to owner-occupied duplexes & government-subsidized housing. |
| Housing Crisis Act Replacement Review               | Yes                                                                                                                                                                                                                   |
| Housing Element Sites                               |                                                                                                                                                                                                                       |
| HE Replacement Required                             | Yes                                                                                                                                                                                                                   |
| SB 166 Units                                        | 1.43 Units, Lower                                                                                                                                                                                                     |
| Housing Use within Prior 5 Years                    | No                                                                                                                                                                                                                    |
| <b>Public Safety</b>                                |                                                                                                                                                                                                                       |
| Police Information                                  |                                                                                                                                                                                                                       |
| Bureau                                              | Central                                                                                                                                                                                                               |
| Division / Station                                  | Rampart                                                                                                                                                                                                               |
| Reporting District                                  | 275                                                                                                                                                                                                                   |
| Fire Information                                    |                                                                                                                                                                                                                       |
| Bureau                                              | Central                                                                                                                                                                                                               |
| Battalion                                           | 11                                                                                                                                                                                                                    |
| District / Fire Station                             | 11                                                                                                                                                                                                                    |
| Red Flag Restricted Parking                         | No                                                                                                                                                                                                                    |

## CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

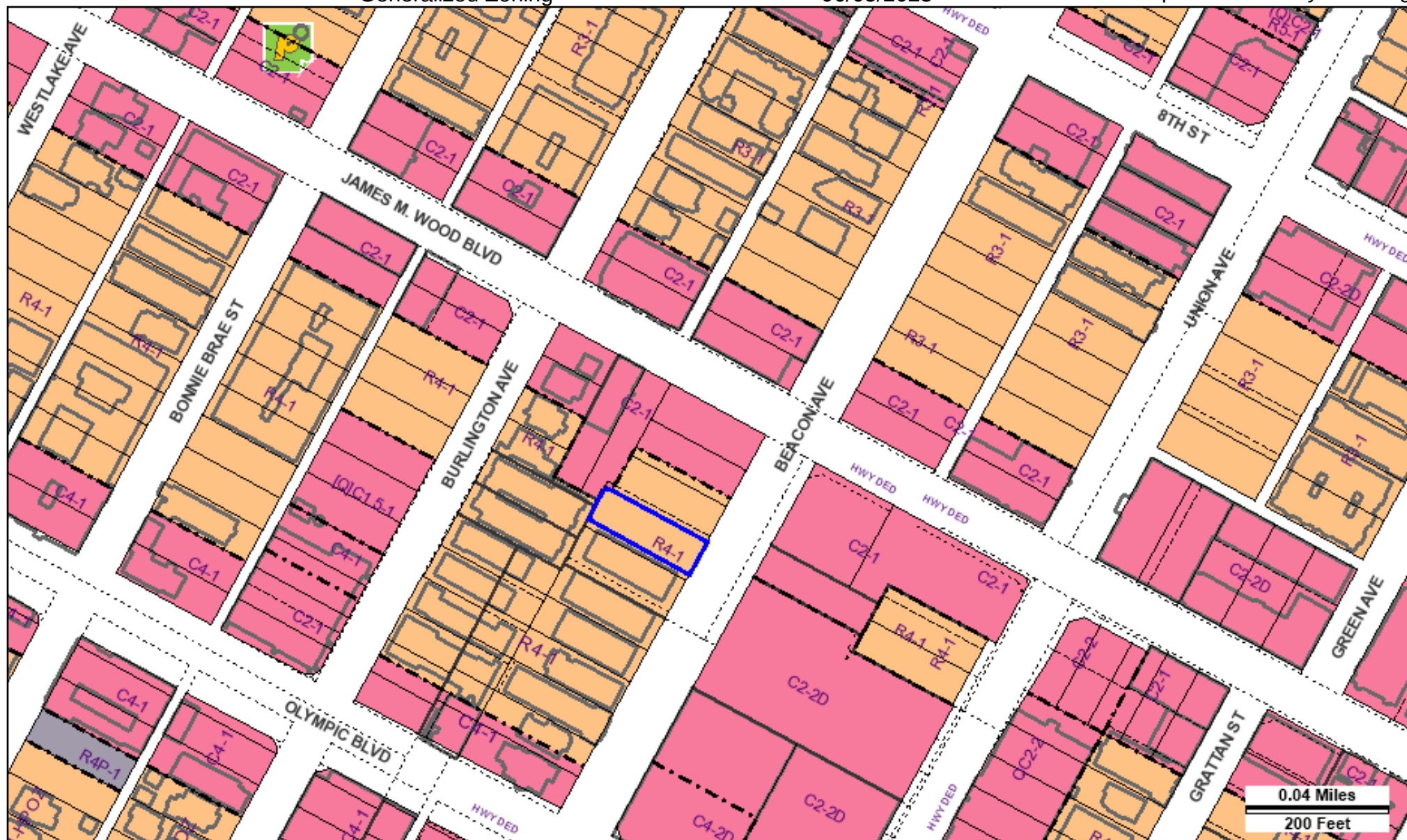
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case Number:             | CPC-2018-6005-CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | CA-CODE AMENDMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                                                                                                                  |
| Case Number:             | CPC-2013-3169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Required Action(s):      | Data Not Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project Descriptions(s): | THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING                                                                                    |
| Case Number:             | CPC-1984-1-HD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Required Action(s):      | HD-HEIGHT DISTRICT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project Descriptions(s): | CHANGE OF HEIGHT DISTRICT WITHIN THE "CORE AREA OF L.A."- GENERAL PLAN ZONE CONSISTENCY PROGRAM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Case Number:             | DIR-2020-7604-SPR-TOC-HCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Required Action(s):      | SPR-SITE PLAN REVIEW<br>TOC-TRANSIT ORIENTED COMMUNITIES<br>HCA-HOUSING CRISIS ACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project Descriptions(s): | PURSUANT TO LOS ANGELES MUNICIPAL CODE (LAMC) SECTION 16.05, A SITE PLAN REVIEW TO ALLOW A DEVELOPMENT PROJECT THAT CREATES OR RESULTS IN AN INCREASE OF 50 OR MORE DWELLING UNITS; PURSUANT TO LAMC SECTION 12.22-A,31, A PROJECT UNDER THE TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM UTILIZING BASE INCENTIVES AND THREE ADDITIONAL INCENTIVES TO ALLOW INCREASED DENSITY, INCREASED FLOOR AREA RATIO (FAR), DECREASED PARKING, REDUCED FRONT AND SIDE YARDS, AND AVERAGED FAR; AND PURSUANT TO LAMC SECTION 17.15, A VESTING TENTATIVE TRACT MAP TO ALLOW THE MERGING OF THE LOTS AND CREATION OF ONE LOT. |
| Case Number:             | VTT-83227-CN-HCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | CN-NEW CONDOMINIUMS<br>HCA-HOUSING CRISIS ACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Project Descriptions(s): | PURSUANT TO LOS ANGELES MUNICIPAL CODE (LAMC) SECTION 16.05, A SITE PLAN REVIEW TO ALLOW A DEVELOPMENT PROJECT THAT CREATES OR RESULTS IN AN INCREASE OF 50 OR MORE DWELLING UNITS; PURSUANT TO LAMC SECTION 12.22-A,31, A PROJECT UNDER THE TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM UTILIZING BASE INCENTIVES AND THREE ADDITIONAL INCENTIVES TO ALLOW INCREASED DENSITY, INCREASED FLOOR AREA RATIO (FAR), DECREASED PARKING, REDUCED FRONT AND SIDE YARDS, AND AVERAGED FAR; AND PURSUANT TO LAMC SECTION 17.15, A VESTING TENTATIVE TRACT MAP TO ALLOW THE MERGING OF THE LOTS AND CREATION OF ONE LOT. |
| Case Number:             | ENV-2020-7605-SCPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Required Action(s):      | SCPE-SUSTAINABLE COMMUNITIES PRIORITY EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Project Descriptions(s): | PURSUANT TO LOS ANGELES MUNICIPAL CODE (LAMC) SECTION 16.05, A SITE PLAN REVIEW TO ALLOW A DEVELOPMENT PROJECT THAT CREATES OR RESULTS IN AN INCREASE OF 50 OR MORE DWELLING UNITS; PURSUANT TO LAMC SECTION 12.22-A,31, A PROJECT UNDER THE TRANSIT ORIENTED COMMUNITIES AFFORDABLE HOUSING INCENTIVE PROGRAM UTILIZING BASE INCENTIVES AND THREE ADDITIONAL INCENTIVES TO ALLOW INCREASED DENSITY, INCREASED FLOOR AREA RATIO (FAR), DECREASED PARKING, REDUCED FRONT AND SIDE YARDS, AND AVERAGED FAR; AND PURSUANT TO LAMC SECTION 17.15, A VESTING TENTATIVE TRACT MAP TO ALLOW THE MERGING OF THE LOTS AND CREATION OF ONE LOT. |
| Case Number:             | ENV-2019-4121-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | ND-NEGATIVE DECLARATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                                                                                                                  |
| Case Number:             | ENV-2018-6006-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                                                                                                                  |
| Case Number:             | ENV-2013-3392-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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(\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.                                                                                                                                                                                                                                                                                                 |
| Case Number:             | ENV-2013-3170-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING |

**DATA NOT AVAILABLE**

ORD-161116-SA38A



Address: 923 S BEACON AVE

APN: 5137001003

PIN #: 130-5A203 241

Tract: CURLETT TRACT

Block: None

Lot: 4

Arb: 2

Zoning: R4-1

General Plan: High Medium Residential



# LEGEND

## GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP, MU, NMU
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL, HJ, HR, NI
- P, PB
- PF

## GENERAL PLAN LAND USE

### LAND USE

#### RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

#### COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial - Mixed High Residential
- Regional Center Commercial

### FRAMEWORK

#### COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

#### INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

#### PARKING

- Parking Buffer

#### PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

#### LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

#### OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

#### INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)

- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

## POINTS OF INTEREST

|                                                                                                                        |                                                                                                                            |                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  Alternative Youth Hostel (Proposed)    |  Horticultural Center                     |  Public Elementary School                 |
|  Animal Shelter                         |  Hospital                                 |  Public Elementary School (Proposed)      |
|  Area Library                           |  Hospital (Proposed)                      |  Public Golf Course                       |
|  Area Library (Proposed)                | <b>HW</b> House of Worship                                                                                                 |  Public Golf Course (Proposed)            |
|  Bridge                                 | <b>e</b> Important Ecological Area                                                                                         |  Public Housing                           |
|  Campground                             |  Important Ecological Area (Proposed)     |  Public Housing (Proposed Expansion)      |
|  Campground (Proposed)                  |  Interpretive Center (Proposed)           |  Public Junior High School                |
|  Cemetery                               |  Junior College                           |  Public Junior High School (Proposed)     |
| <b>HW</b> Church                                                                                                       |  MTA / Metrolink Station                  |  Public Middle School                     |
|  City Hall                              |  MTA Station                              |  Public Senior High School                |
|  Community Center                       |  MTA Stop                                 |  Public Senior High School (Proposed)     |
|  Community Library                      | <b>MWD</b> MWD Headquarters                                                                                                |  Pumping Station                          |
|  Community Library (Proposed Expansion) |  Maintenance Yard                         |  Pumping Station (Proposed)               |
|  Community Library (Proposed)           |  Municipal Office Building                |  Refuse Collection Center                 |
|  Community Park                         | <b>P</b> Municipal Parking lot                                                                                             |  Regional Library                         |
|  Community Park (Proposed Expansion)    |  Neighborhood Park                        |  Regional Library (Proposed Expansion)    |
|  Community Park (Proposed)              |  Neighborhood Park (Proposed Expansion)   |  Regional Library (Proposed)              |
|  Community Transit Center               |  Neighborhood Park (Proposed)             |  Regional Park                            |
|  Convalescent Hospital                 |  Oil Collection Center                   |  Regional Park (Proposed)                |
|  Correctional Facility                |  Parking Enforcement                    | <b>RPD</b> Residential Plan Development                                                                                      |
|  Cultural / Historic Site (Proposed)  |  Police Headquarters                    |  Scenic View Site                       |
|  Cultural / Historical Site           |  Police Station                         |  Scenic View Site (Proposed)            |
|  Cultural Arts Center                 |  Police Station (Proposed Expansion)    |  School District Headquarters           |
| <b>DMV</b> DMV Office                                                                                                  |  Police Station (Proposed)              |  School Unspecified Loc/Type (Proposed) |
| <b>DWP</b> DWP                                                                                                         |  Police Training site                   |  Skill Center                           |
|  DWP Pumping Station                  | <b>PO</b> Post Office                                                                                                      |  Social Services                        |
|  Equestrian Center                    |  Power Distribution Station             |  Special Feature                        |
|  Fire Department Headquarters         |  Power Distribution Station (Proposed)  |  Special Recreation (a)                 |
|  Fire Station                         |  Power Receiving Station                |  Special School Facility                |
|  Fire Station (Proposed Expansion)    |  Power Receiving Station (Proposed)     |  Special School Facility (Proposed)     |
|  Fire Station (Proposed)              | <b>C</b> Private College                                                                                                   |  Steam Plant                            |
|  Fire Supply & Maintenance            | <b>E</b> Private Elementary School                                                                                         |  Surface Mining                         |
|  Fire Training Site                   |  Private Golf Course                    |  Trail & Assembly Area                  |
|  Fireboat Station                     |  Private Golf Course (Proposed)         |  Trail & Assembly Area (Proposed)       |
|  Health Center / Medical Facility     | <b>JH</b> Private Junior High School                                                                                       | <b>UTL</b> Utility Yard                                                                                                      |
|  Helistop                             | <b>PS</b> Private Pre-School                                                                                               |  Water Tank Reservoir                   |
|  Historic Monument                    |  Private Recreation & Cultural Facility |  Wildlife Migration Corridor            |
|  Historical / Cultural Monument       | <b>SH</b> Private Senior High School                                                                                       |  Wildlife Preserve Gate                 |
|  Horsekeeping Area                    | <b>SF</b> Private Special School                                                                                           |                                                                                                                              |
|  Horsekeeping Area (Proposed)         |  Public Elementary (Proposed Expansion) |                                                                                                                              |

SCHOOLS/PARKS WITH 500 FT. BUFFER

-  Existing School/Park Site
-  Planned School/Park Site
-  Inside 500 Ft. Buffer

-  Aquatic Facilities
-  Other Facilities
-  Opportunity School
-  Beaches
-  Park / Recreation Centers
-  Charter School
-  Child Care Centers
-  Parks
-  Elementary School
-  Dog Parks
-  Performing / Visual Arts Centers
-  Span School
-  Golf Course
-  Recreation Centers
-  Special Education School
-  Historic Sites
-  Senior Citizen Centers
-  High School
-  Horticulture/Gardens
-  Middle School
-  Skate Parks
-  Early Education Center

COASTAL ZONE

-  Coastal Commission Permit Area
-  Dual Permit Jurisdiction Area
-  Single Permit Jurisdiction Area
-  Not in Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

-  Tier 1
-  Tier 3
-  Tier 2
-  Tier 4

**Note:** TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

-  Public Work Approval (PWA)
-  Waiver of Dedication or Improvement (WDI)

OTHER SYMBOLS

-  Lot Line
-  Tract Line
-  Lot Cut
-  Easement
-  Zone Boundary
-  Building Line
-  Lot Split
-  Community Driveway
-  Building Outlines 2020
-  Building Outlines 2017
-  Airport Hazard Zone
-  Census Tract
-  Coastal Zone
-  Council District
-  LADBS District Office
-  Downtown Parking
-  Fault Zone
-  Fire District No. 1
-  Tract Map
-  Parcel Map
-  Flood Zone
-  Hazardous Waste
-  High Wind Zone
-  Hillside Grading
-  Historic Preservation Overlay Zone
-  Specific Plan Area
-  Very High Fire Hazard Severity Zone
-  Wells

## **EXHIBIT F**



# City of Los Angeles Department of City Planning

## 6/5/2023 PARCEL PROFILE REPORT

### PROPERTY ADDRESSES

927 1-18 S BEACON AVE

### ZIP CODES

90015

### RECENT ACTIVITY

None

### CASE NUMBERS

CPC-2018-6005-CA

CPC-2013-3169

CPC-1984-1-HD

ORD-161116-SA38A

ENV-2019-4121-ND

ENV-2018-6006-CE

ENV-2013-3392-CE

ENV-2013-3170-CE

### Address/Legal Information

|                              |                    |
|------------------------------|--------------------|
| PIN Number                   | 130-5A203 251      |
| Lot/Parcel Area (Calculated) | 9,598.2 (sq ft)    |
| Thomas Brothers Grid         | PAGE 634 - GRID C4 |
| Assessor Parcel No. (APN)    | 5137001004         |
| Tract                        | CURLETT TRACT      |
| Map Reference                | M R 60-78 L S 4-41 |
| Block                        | None               |
| Lot                          | 5                  |
| Arb (Lot Cut Reference)      | None               |
| Map Sheet                    | 130-5A203          |

### Jurisdictional Information

|                          |                           |
|--------------------------|---------------------------|
| Community Plan Area      | Westlake                  |
| Area Planning Commission | Central                   |
| Neighborhood Council     | Westlake South            |
| Council District         | CD 1 - Eunisses Hernandez |
| Census Tract #           | 2095.20                   |
| LADBS District Office    | Los Angeles Metro         |

### Permitting and Zoning Compliance Information

|                       |      |
|-----------------------|------|
| Administrative Review | None |
|-----------------------|------|

### Planning and Zoning Information

|                                                |                                                                                                                                                                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special Notes                                  | None                                                                                                                                                                                                                                                                      |
| Zoning                                         | R4-1                                                                                                                                                                                                                                                                      |
| Zoning Information (ZI)                        | ZI-2452 Transit Priority Area in the City of Los Angeles<br>ZI-2452 Transit Priority Area in the City of Los Angeles<br>ZI-2488 Redevelopment Project Area: Westlake Recovery<br>ZI-2512 Housing Element Inventory of Sites<br>ZI-2374 State Enterprise Zone: Los Angeles |
| General Plan Land Use                          | High Medium Residential                                                                                                                                                                                                                                                   |
| General Plan Note(s)                           | Yes                                                                                                                                                                                                                                                                       |
| Hillside Area (Zoning Code)                    | No                                                                                                                                                                                                                                                                        |
| Specific Plan Area                             | None                                                                                                                                                                                                                                                                      |
| Subarea                                        | None                                                                                                                                                                                                                                                                      |
| Special Land Use / Zoning                      | None                                                                                                                                                                                                                                                                      |
| Historic Preservation Review                   | No                                                                                                                                                                                                                                                                        |
| Historic Preservation Overlay Zone             | None                                                                                                                                                                                                                                                                      |
| Other Historic Designations                    | None                                                                                                                                                                                                                                                                      |
| Other Historic Survey Information              | None                                                                                                                                                                                                                                                                      |
| Mills Act Contract                             | None                                                                                                                                                                                                                                                                      |
| CDO: Community Design Overlay                  | None                                                                                                                                                                                                                                                                      |
| CPIO: Community Plan Imp. Overlay              | None                                                                                                                                                                                                                                                                      |
| Subarea                                        | None                                                                                                                                                                                                                                                                      |
| CUGU: Clean Up-Green Up                        | None                                                                                                                                                                                                                                                                      |
| HCR: Hillside Construction Regulation          | No                                                                                                                                                                                                                                                                        |
| NSO: Neighborhood Stabilization Overlay        | No                                                                                                                                                                                                                                                                        |
| POD: Pedestrian Oriented Districts             | None                                                                                                                                                                                                                                                                      |
| RBP: Restaurant Beverage Program Eligible Area | None                                                                                                                                                                                                                                                                      |

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(\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                                      |                   |
|--------------------------------------|-------------------|
| RFA: Residential Floor Area District | None              |
| RIO: River Implementation Overlay    | No                |
| SN: Sign District                    | No                |
| AB 2334: Very Low VMT                | Yes               |
| AB 2097: Reduced Parking Areas       | Yes               |
| Streetscape                          | No                |
| Adaptive Reuse Incentive Area        | None              |
| Affordable Housing Linkage Fee       |                   |
| Residential Market Area              | Medium            |
| Non-Residential Market Area          | Medium            |
| Transit Oriented Communities (TOC)   | Tier 3            |
| ED 1 Eligibility                     | Eligible Site     |
| RPA: Redevelopment Project Area      | Westlake Recovery |
| Central City Parking                 | No                |
| Downtown Parking                     | No                |
| Building Line                        | None              |
| 500 Ft School Zone                   | No                |
| 500 Ft Park Zone                     | No                |

#### Assessor Information

|                                    |                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------|
| Assessor Parcel No. (APN)          | 5137001004                                                                                  |
| APN Area (Co. Public Works)*       | 0.257 (ac)                                                                                  |
| Use Code                           | 0500 - Residential - Five or More Units or Apartments (Any Combination) - 4 Stories or Less |
| Assessed Land Val.                 | \$780,026                                                                                   |
| Assessed Improvement Val.          | \$606,415                                                                                   |
| Last Owner Change                  | 03/02/2004                                                                                  |
| Last Sale Amount                   | \$0                                                                                         |
| Tax Rate Area                      | 12706                                                                                       |
| Deed Ref No. (City Clerk)          | 7-231                                                                                       |
|                                    | 588275-6                                                                                    |
|                                    | 3284024                                                                                     |
|                                    | 328130-1                                                                                    |
|                                    | 328130                                                                                      |
|                                    | 2014798-99                                                                                  |
| Building 1                         |                                                                                             |
| Year Built                         | 0                                                                                           |
| Building Class                     | D6                                                                                          |
| Number of Units                    | 18                                                                                          |
| Number of Bedrooms                 | 0                                                                                           |
| Number of Bathrooms                | 18                                                                                          |
| Building Square Footage            | 8,976.0 (sq ft)                                                                             |
| Building 2                         | No data for building 2                                                                      |
| Building 3                         | No data for building 3                                                                      |
| Building 4                         | No data for building 4                                                                      |
| Building 5                         | No data for building 5                                                                      |
| Rent Stabilization Ordinance (RSO) | Yes [APN: 5137001004]                                                                       |

#### Additional Information

|                                     |                    |
|-------------------------------------|--------------------|
| Airport Hazard                      | None               |
| Coastal Zone                        | None               |
| Santa Monica Mountains Zone         | No                 |
| Farmland                            | Area Not Mapped    |
| Urban Agriculture Incentive Zone    | YES                |
| Very High Fire Hazard Severity Zone | No                 |
| Fire District No. 1                 | No                 |
| Flood Zone                          | Outside Flood Zone |

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 (\*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

|                                                   |      |
|---------------------------------------------------|------|
| Watercourse                                       | No   |
| Hazardous Waste / Border Zone Properties          | No   |
| Methane Hazard Site                               | None |
| High Wind Velocity Areas                          | No   |
| Special Grading Area (BOE Basic Grid Map A-13372) | No   |
| Wells                                             | None |

#### Seismic Hazards

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Active Fault Near-Source Zone        |                                 |
| Nearest Fault (Distance in km)       | 0.128296416                     |
| Nearest Fault (Name)                 | Puente Hills Blind Thrust       |
| Region                               | Los Angeles Blind Thrusts       |
| Fault Type                           | B                               |
| Slip Rate (mm/year)                  | 0.70000000                      |
| Slip Geometry                        | Reverse                         |
| Slip Type                            | Moderately / Poorly Constrained |
| Down Dip Width (km)                  | 19.00000000                     |
| Rupture Top                          | 5.00000000                      |
| Rupture Bottom                       | 13.00000000                     |
| Dip Angle (degrees)                  | 25.00000000                     |
| Maximum Magnitude                    | 7.10000000                      |
| Alquist-Priolo Fault Zone            | No                              |
| Landslide                            | No                              |
| Liquefaction                         | No                              |
| Preliminary Fault Rupture Study Area | No                              |
| Tsunami Inundation Zone              | No                              |

#### Economic Development Areas

|                                                     |                                   |
|-----------------------------------------------------|-----------------------------------|
| Business Improvement District                       | None                              |
| Hubzone                                             | Qualified                         |
| Jobs and Economic Development Incentive Zone (JEDI) | None                              |
| Opportunity Zone                                    | No                                |
| Promise Zone                                        | None                              |
| State Enterprise Zone                               | LOS ANGELES STATE ENTERPRISE ZONE |

#### Housing

|                                       |                                                                     |
|---------------------------------------|---------------------------------------------------------------------|
| Direct all Inquiries to               | Los Angeles Housing Department                                      |
| Telephone                             | (866) 557-7368                                                      |
| Website                               | <a href="https://housing.lacity.org">https://housing.lacity.org</a> |
| Rent Stabilization Ordinance (RSO)    | Yes [APN: 5137001004]                                               |
| Ellis Act Property                    | No                                                                  |
| AB 1482: Tenant Protection Act        | No                                                                  |
| Housing Crisis Act Replacement Review | Yes                                                                 |
| Housing Element Sites                 |                                                                     |
| HE Replacement Required               | Yes                                                                 |
| SB 166 Units                          | 0.25 Units, Above Moderate                                          |
| Housing Use within Prior 5 Years      | Yes                                                                 |

#### Public Safety

|                         |         |
|-------------------------|---------|
| Police Information      |         |
| Bureau                  | Central |
| Division / Station      | Rampart |
| Reporting District      | 275     |
| Fire Information        |         |
| Bureau                  | Central |
| Battalion               | 11      |
| District / Fire Station | 11      |

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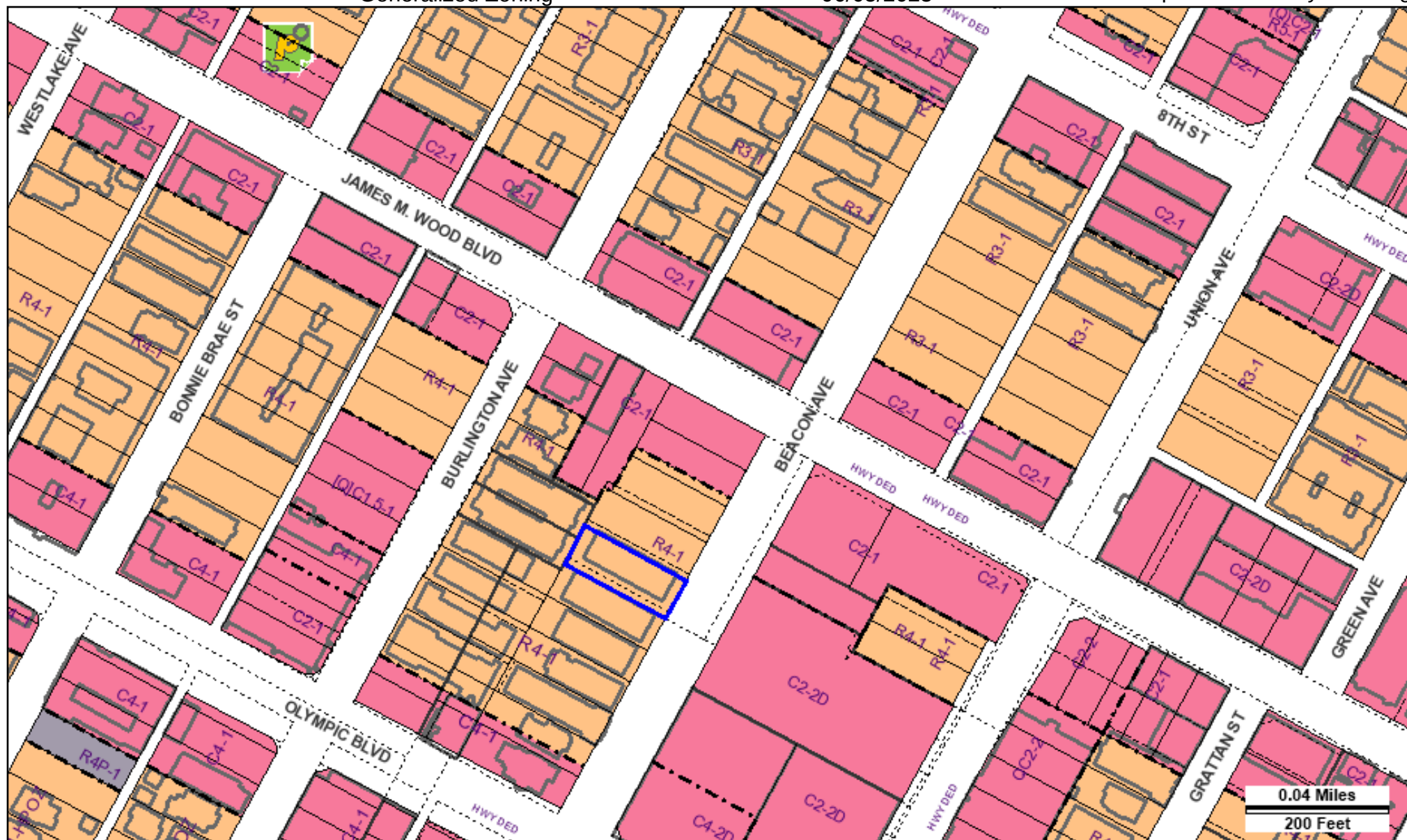
## CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case Number:             | CPC-2018-6005-CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | CA-CODE AMENDMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                               |
| Case Number:             | CPC-2013-3169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | Data Not Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Project Descriptions(s): | THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING |
| Case Number:             | CPC-1984-1-HD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Required Action(s):      | HD-HEIGHT DISTRICT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Project Descriptions(s): | CHANGE OF HEIGHT DISTRICT WITHIN THE "CORE AREA OF L.A."- GENERAL PLAN ZONE CONSISTENCY PROGRAM.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Case Number:             | ENV-2019-4121-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | ND-NEGATIVE DECLARATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                               |
| Case Number:             | ENV-2018-6006-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHORITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.                                                                               |
| Case Number:             | ENV-2013-3392-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.                                                                                                                                                                                                                                                                                                 |
| Case Number:             | ENV-2013-3170-CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Required Action(s):      | CE-CATEGORICAL EXEMPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Project Descriptions(s): | THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING |

## DATA NOT AVAILABLE

ORD-161116-SA38A



Address: 927 1-18 S BEACON AVE

APN: 5137001004

PIN #: 130-5A203 251

Tract: CURLETT TRACT

Block: None

Lot: 5

Arb: None

Zoning: R4-1

General Plan: High Medium Residential



# LEGEND

## GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP, MU, NMU
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL, HJ, HR, NI
- P, PB
- PF

## GENERAL PLAN LAND USE

### LAND USE

#### RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

#### COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial - Mixed High Residential
- Regional Center Commercial

### FRAMEWORK

#### COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

#### INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

#### PARKING

- Parking Buffer

#### PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

#### LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

#### OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

#### INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)

- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

## POINTS OF INTEREST

|                                                                                                                        |                                                                                                                            |                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  Alternative Youth Hostel (Proposed)    |  Horticultural Center                     |  Public Elementary School                 |
|  Animal Shelter                         |  Hospital                                 |  Public Elementary School (Proposed)      |
|  Area Library                           |  Hospital (Proposed)                      |  Public Golf Course                       |
|  Area Library (Proposed)                | <b>HW</b> House of Worship                                                                                                 |  Public Golf Course (Proposed)            |
|  Bridge                                 | <b>e</b> Important Ecological Area                                                                                         |  Public Housing                           |
|  Campground                             |  Important Ecological Area (Proposed)     |  Public Housing (Proposed Expansion)      |
|  Campground (Proposed)                  |  Interpretive Center (Proposed)           |  Public Junior High School                |
|  Cemetery                               |  Junior College                           |  Public Junior High School (Proposed)     |
| <b>HW</b> Church                                                                                                       |  MTA / Metrolink Station                  |  Public Middle School                     |
|  City Hall                              |  MTA Station                              |  Public Senior High School                |
|  Community Center                       |  MTA Stop                                 |  Public Senior High School (Proposed)     |
|  Community Library                      | <b>MWD</b> MWD Headquarters                                                                                                |  Pumping Station                          |
|  Community Library (Proposed Expansion) |  Maintenance Yard                         |  Pumping Station (Proposed)               |
|  Community Library (Proposed)           |  Municipal Office Building                |  Refuse Collection Center                 |
|  Community Park                         | <b>P</b> Municipal Parking lot                                                                                             |  Regional Library                         |
|  Community Park (Proposed Expansion)    |  Neighborhood Park                        |  Regional Library (Proposed Expansion)    |
|  Community Park (Proposed)              |  Neighborhood Park (Proposed Expansion)   |  Regional Library (Proposed)              |
|  Community Transit Center               |  Neighborhood Park (Proposed)             |  Regional Park                            |
|  Convalescent Hospital                 |  Oil Collection Center                   |  Regional Park (Proposed)                |
|  Correctional Facility                |  Parking Enforcement                    | <b>RPD</b> Residential Plan Development                                                                                      |
|  Cultural / Historic Site (Proposed)  |  Police Headquarters                    |  Scenic View Site                       |
|  Cultural / Historical Site           |  Police Station                         |  Scenic View Site (Proposed)            |
|  Cultural Arts Center                 |  Police Station (Proposed Expansion)    |  School District Headquarters           |
| <b>DMV</b> DMV Office                                                                                                  |  Police Station (Proposed)              |  School Unspecified Loc/Type (Proposed) |
| <b>DWP</b> DWP                                                                                                         |  Police Training site                   |  Skill Center                           |
|  DWP Pumping Station                  | <b>PO</b> Post Office                                                                                                      |  Social Services                        |
|  Equestrian Center                    |  Power Distribution Station             |  Special Feature                        |
|  Fire Department Headquarters         |  Power Distribution Station (Proposed)  |  Special Recreation (a)                 |
|  Fire Station                         |  Power Receiving Station                |  Special School Facility                |
|  Fire Station (Proposed Expansion)    |  Power Receiving Station (Proposed)     |  Special School Facility (Proposed)     |
|  Fire Station (Proposed)              | <b>C</b> Private College                                                                                                   |  Steam Plant                            |
|  Fire Supply & Maintenance            | <b>E</b> Private Elementary School                                                                                         |  Surface Mining                         |
|  Fire Training Site                   |  Private Golf Course                    |  Trail & Assembly Area                  |
|  Fireboat Station                     |  Private Golf Course (Proposed)         |  Trail & Assembly Area (Proposed)       |
|  Health Center / Medical Facility     | <b>JH</b> Private Junior High School                                                                                       | <b>UTL</b> Utility Yard                                                                                                      |
|  Helistop                             | <b>PS</b> Private Pre-School                                                                                               |  Water Tank Reservoir                   |
|  Historic Monument                    |  Private Recreation & Cultural Facility |  Wildlife Migration Corridor            |
|  Historical / Cultural Monument       | <b>SH</b> Private Senior High School                                                                                       |  Wildlife Preserve Gate                 |
|  Horsekeeping Area                    | <b>SF</b> Private Special School                                                                                           |                                                                                                                              |
|  Horsekeeping Area (Proposed)         |  Public Elementary (Proposed Expansion) |                                                                                                                              |

SCHOOLS/PARKS WITH 500 FT. BUFFER

Existing School/Park Site      Planned School/Park Site      Inside 500 Ft. Buffer

-  Aquatic Facilities
-  Beaches
-  Child Care Centers
-  Dog Parks
-  Golf Course
-  Historic Sites
-  Horticulture/Gardens
-  Skate Parks
-  Other Facilities
-  Park / Recreation Centers
-  Parks
-  Performing / Visual Arts Centers
-  Recreation Centers
-  Senior Citizen Centers
-  Opportunity School
-  Charter School
-  Elementary School
-  Span School
-  Special Education School
-  High School
-  Middle School
-  Early Education Center

COASTAL ZONE

-  Coastal Commission Permit Area
-  Dual Permit Jurisdiction Area
-  Single Permit Jurisdiction Area
-  Not in Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

-  Tier 1
-  Tier 2
-  Tier 3
-  Tier 4

**Note:** TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

-  Public Work Approval (PWA)
-  Waiver of Dedication or Improvement (WDI)

OTHER SYMBOLS

-  Lot Line
-  Tract Line
-  Lot Cut
-  Easement
-  Zone Boundary
-  Building Line
-  Lot Split
-  Community Driveway
-  Building Outlines 2020
-  Building Outlines 2017
-  Airport Hazard Zone
-  Census Tract
-  Coastal Zone
-  Council District
-  LADBS District Office
-  Downtown Parking
-  Fault Zone
-  Fire District No. 1
-  Tract Map
-  Parcel Map
-  Flood Zone
-  Hazardous Waste
-  High Wind Zone
-  Hillside Grading
-  Historic Preservation Overlay Zone
-  Specific Plan Area
-  Very High Fire Hazard Severity Zone
-  Wells