

City of
SACRAMENTO

ADDENDUM TO AN ADOPTED MITIGATED NEGATIVE DECLARATION

The City of Sacramento, California, a municipal corporation, does hereby prepare, make declare, and publish the Addendum to an adopted Mitigated Negative Declaration (MND) for the following described project:

Project Name and Number: **Natomas Crossing Acute Rehabilitation Hospital Project (DR18-009)**

The City of Sacramento, Community Development Department, has reviewed the proposed changes to the prior approved project and on the basis of the whole record before it, has determined that there is substantial evidence to support the determination that the attached original Mitigated Negative Declaration (MND) remains relevant in considering the environmental impacts of the project changes and that there is no substantial evidence to support a fair argument that the changes to the project, as identified in the attached Addendum, may have a significant effect on the environmental beyond that which was evaluated in the referenced adopted Final MND. A subsequent MND is not required pursuant to the California Environmental Quality Act of 1970 (Public Resources Code Sections 21000, et seq. California).

This Addendum to the adopted MND has been prepared pursuant to Title 14, Sections 15162-15164 of the California Code of Regulations, and the Sacramento Local Environmental Regulations (Resolution 91-892) adopted by the City of Sacramento.

A copy of this document and all supportive documentation may be reviewed or obtained at the City of Sacramento, Community Development Department, Planning Division, 300 Richards Boulevard, Third Floor, Sacramento, California 95811 and on the City's web site for environmental documents at <http://www.cityofsacramento.org/Community-Development/Planning/Environmental/Impact-Reports.aspx>.

Environmental Services Manager, City of Sacramento,
California, a municipal corporation

By: _____

Date: _____

**Natomas Crossing Acute Rehabilitation Hospital Project
(DR18-009)
Addendum to an Adopted Mitigated Negative Declaration
(R91-892)**

File Number/Project Name: Natomas Crossing Acute Rehabilitation Hospital Project (DR18-009)

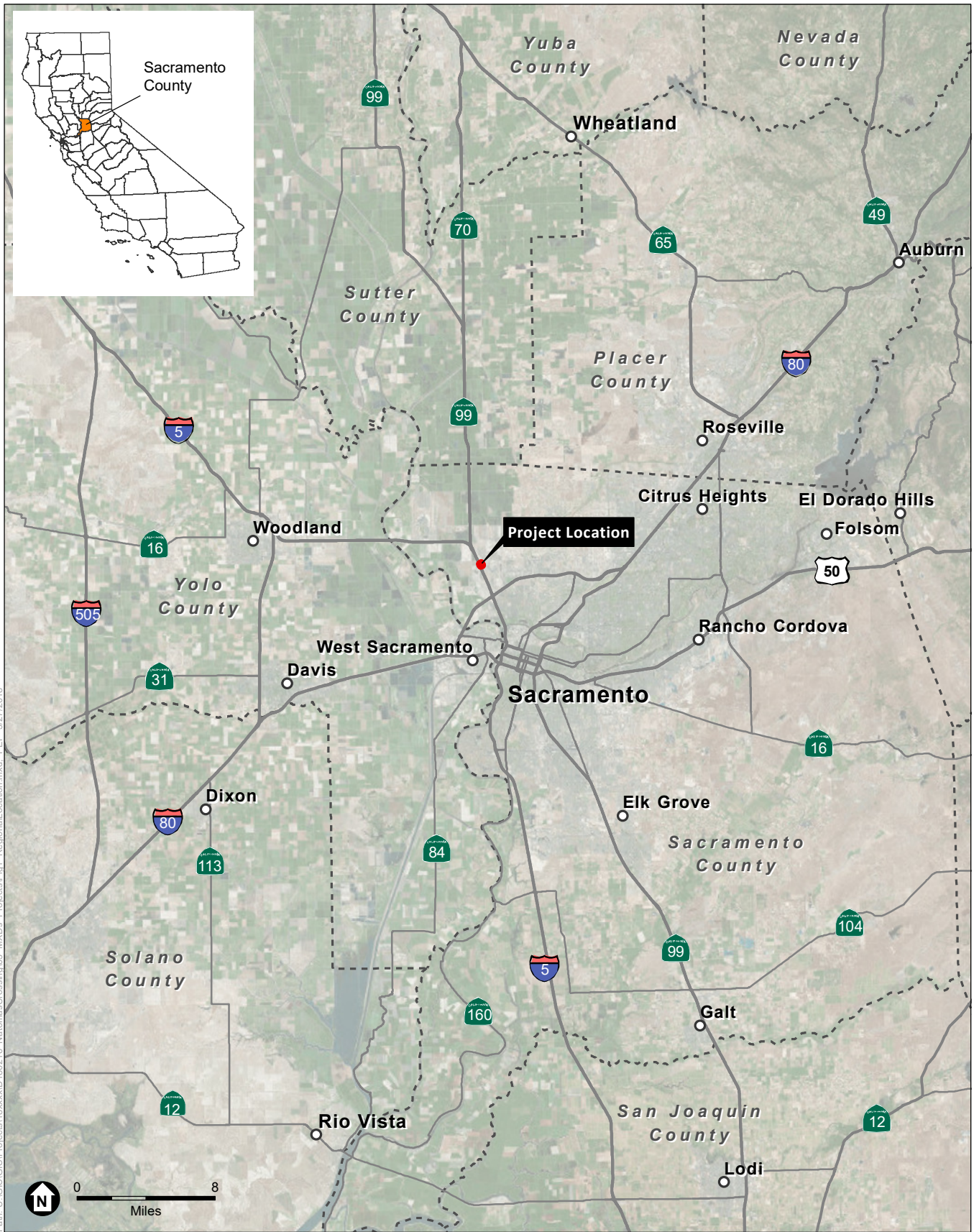
Project Location: The project site is located in Sacramento, California, approximately 80 miles east of San Francisco and 85 miles west of Lake Tahoe. Sacramento is a major transportation hub, the point of intersection of transportation routes that connect Sacramento to the San Francisco Bay area to the west, the Sierra Nevada Mountain Range and Nevada to the east, Los Angeles to the south, and Oregon and the Pacific Northwest to the north. The City is bisected by a number of major freeways including Interstate 5 (I-5) that traverses the state from north to south; Interstate 80 (I-80), which provides an east-west connection between San Francisco and Reno; and U.S. Highway 50 which provides an east-west connection between Sacramento and South Lake Tahoe. **Figure 1** shows the location of the project site in the Sacramento region.

The project site is located in North Natomas, in the City of Sacramento. The project site is generally bounded by I-5 to the west, Advantage Court and vacant land entitled for residential development to the east, undeveloped land to the north, and land that is currently under development as a hotel to the south (see **Figure 2**).

The project site is part of the larger Natomas Crossing Planning Unit Development (PUD) Area #3 for which entitlements were approved by the City of Sacramento in 1997. The project site is Assessor's Parcel Number 225-1960-038, which is located within Quadrant A (Quad A) of the Natomas Crossing PUD area (see **Figure 3**). The proposed project would entail development of an acute care rehabilitation hospital on approximately 6.23 acres of vacant land located between I-5 and Advantage Court (see **Figure 4**).

Existing Plan Designations and Zoning: The project site is zoned EC-50-PUD (Employment Center–50–Planned Unit Development). Employment Center zoning is intended to provide a flexible zone for employment-generating uses in a pedestrian-friendly setting with ample open space. The proposed project would be considered a convalescent hospital, which is a primary allowable use within the EC-50-PUD zone (Sacramento City Code 17.216.420).

The project site is designated as Employment Center Mid-Rise in the City's General Plan. Development standards for this land use designation include a minimum density of 18.0 units-per-net-acre (units/acre), a maximum density of 60.0 units/acre, a minimum floor-area-ratio (FAR) of 0.25, and maximum FAR of 2.00.

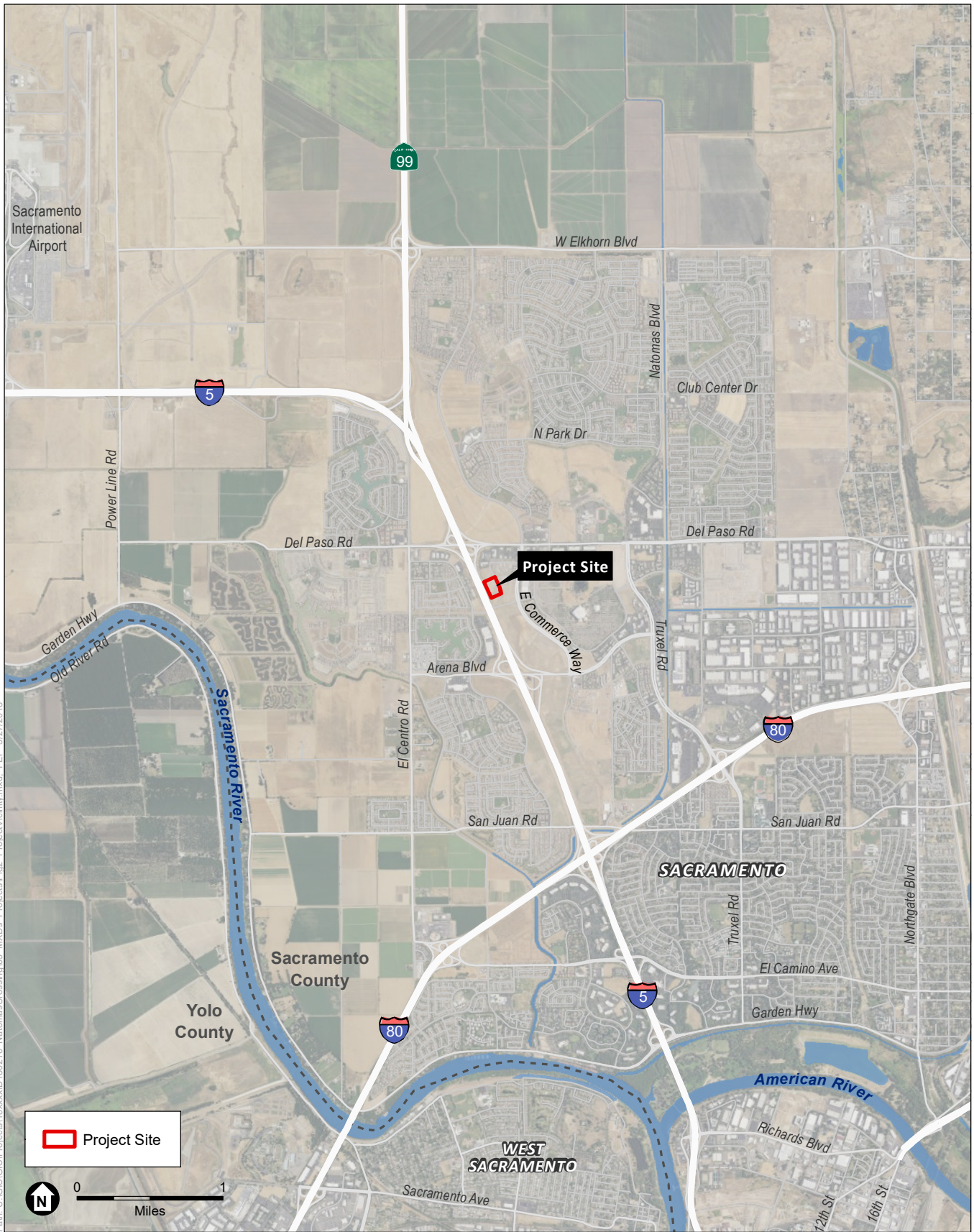


SOURCE: Esri, 2015; ESA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 1
Regional Location



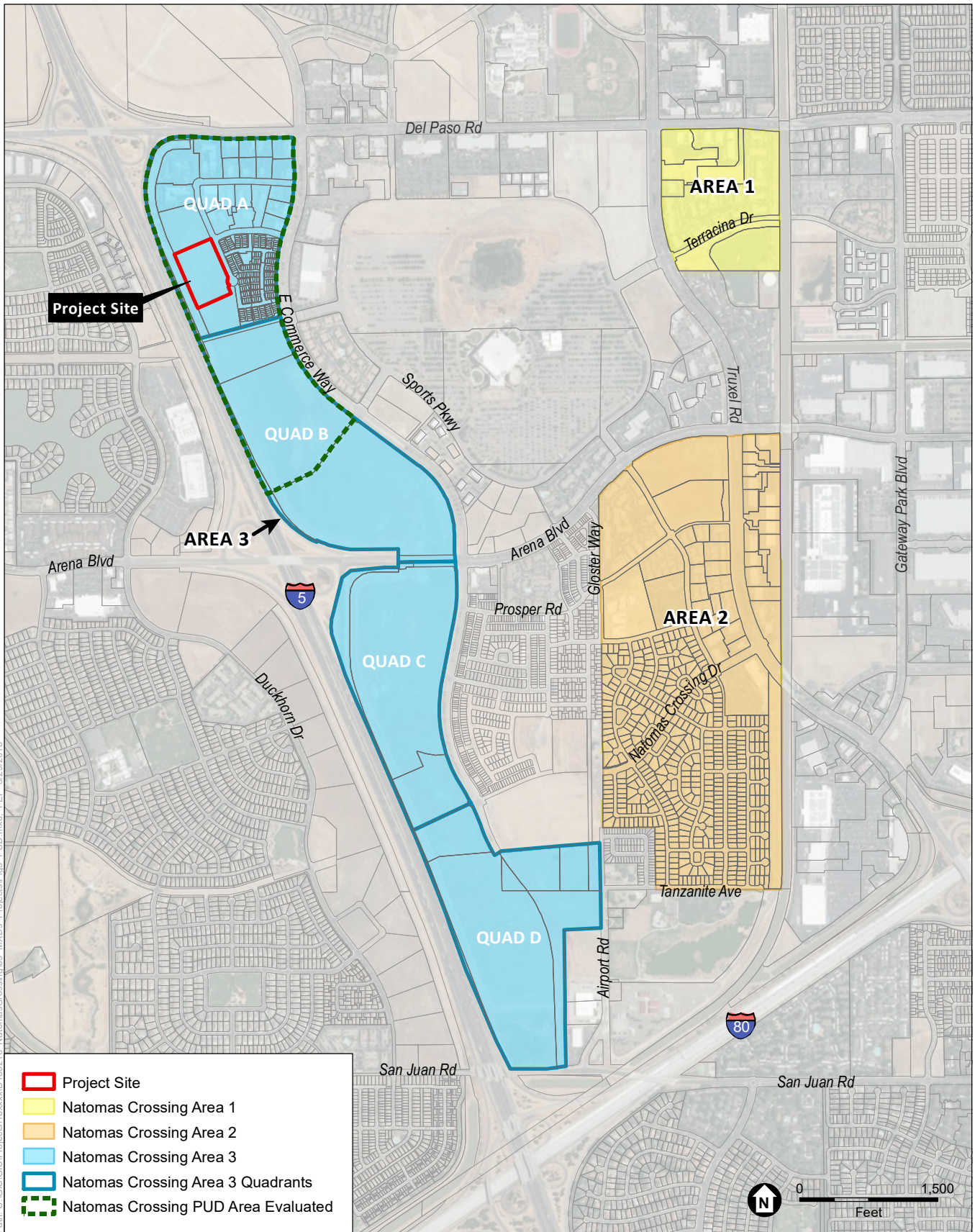


SOURCE: Esri, 2012; USDA, 2016; ESA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 2
Project Vicinity





SOURCE: Esri, 2012; USDA, 2016; ESA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 3
Natomas Crossing Planned Unit Development Map



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SOURCE: Esri, 2016; ESA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 4
Project Site

Project Background

The project site is part of the larger Natomas Crossing Planned Unit Development, for which entitlements were approved by the City in 1997. The entire 555-acre Natomas Crossing PUD is within the 1994 North Natomas Community Plan, which was incorporated into the 2030 and existing 2035 General Plan. On May 8, 1997 the Planning Commission initially approved a Tentative Maser Parcel Map for the Natomas Crossing PUD development (P96-084). Soon after, on June 24, 1997, the City Council approved a development agreement, rezone, schematic plan and development guidelines for the area (P96-084). The Natomas Crossing PUD is subdivided into 3 separately-defined development areas described as Areas 1 through 3. The proposed project site is within Area 3 of the PUD, which is further segregated into 4 quadrants described as Quadrant A through Quadrant D. The proposed project site includes lots 23, 24 and a portion of lot 25, within Quadrant A, now identified as APN 225-1960-038.

In April 2002, the City of Sacramento completed the Natomas Crossing – Area 3 Initial Study/Mitigated Negative Declaration (IS/MND) that resulted in revised land use designations and rezoning for Area 3, including the project site and areas to the north and south of the project site. Under the Natomas Crossing – Area 3 IS/MND, the project site was evaluated at a programmatic level for assumed development under the EC-50-PUD (Employment Center) zoning designation. The entitlements sought for the Area 3 component of the PUD included Community Plan Amendments, Rezone, Lot Line adjustments, a Tentative Subdivision Map, two Special Permits, PUD Guidelines, and Schematic Plan Amendments to accommodate Employment Commercial (EC) uses, and to re-locate a proposed Hotel Site within the plan area. The land uses planned for the Area 3 component of the PUD included offices, hotels, restaurants, retail, open space, detention basin, and residential uses. The schematic buildout total of approximately 1,526,390 to 3,968,715 square feet (s.f.) of structures was approved in June 2002, with approximately 1,016,900 to 2,977,919 s.f. proposed as office; 67,090 to 280,956 s.f. of retail; 290,400 to 457,600 s.f. of hotels; and the balance of square footage related to potential daycare and residential uses. The land uses for Quadrant A included 19.5 acres of Highway Commercial, 0.1 acre of sign parcel, and 32.2 acres of Employment Center.

In 2009, the City adopted the 2030 General Plan, which updated the general plan land use designation for Quadrant A. The land use designation was changed from Mixed Use (MU) to Employment Center Mid-Rise, which allows for office, supporting retail and services, landscaped gathering places, residential use, and compatible public, quasi-public, and special uses. Development Standards for the EC-MR land use designation include a minimum FAR of 0.25 and a maximum FAR of 2.00. Based on the size and allowable FAR for the project site, the development standards for the Employment Center Mid-Rise general plan land use designation would allow for a range of conforming development between approximately 60,000 and 482,000 s.f. of development on the project site. In 2015, the City adopted the Sacramento 2035 General Plan and certified the Sacramento 2035 General Plan Master EIR, which maintained the Employment Center Mid-Rise general plan land use designation for the project site.

Since adoption of the Natomas Crossing – Area 3 IS/MND, the project site has remained undeveloped. In December 2008, the Flood Insurance Rate Maps (FIRM) for the Natomas Basin were reclassified by the Federal Emergency Management Agency (FEMA). The Natomas Basin, which includes the project site, was reclassified as within the 100-year flood hazard zone (AE Zone) after the U.S. Army Corps of Engineers (USACE) decertified the levee system protecting the Natomas Basin. The remap required that all new construction or substantial improvements to structures had to meet a 33-foot base flood elevation requirement. Prior to the USACE decertification, the Sacramento Area Flood Control Agency (SAFCA) implemented the Natomas Levee Improvement Program (NLIP) to upgrade the levee system protecting the Natomas Basin. Construction of the NLIP began in 2007. However, the remap limited construction in the Natomas Basin to the extent that it served as a de facto building moratorium. Thus, the project site remained vacant. In April 2015, FEMA approved an A99 flood zone designation for the Natomas Basin. An A99 designation is an interim flood zone designation that does not diminish the risk consideration for the flood zone, but allows construction in the area if certain conditions are met. Consistent with other areas within the Natomas Basin that had been proposed for development, prior to the downgrading of flood zone designation for the Natomas Basin, improvement to the A99 designation has led to new development proposals or renewal of previously proposed development proposals.

Project Description

Project Design

Hospital Structure

The proposed acute rehabilitation hospital (ARH) would be a 62,061-square-foot, 2-story structure. **Figure 5** shows the site plan for the proposed project. The height of the proposed structure would be 42 feet from grade to top of the stairwell enclosure, as shown in **Figure 6**. The first floor of the building would be 33,203 s.f. and would include the main entry and lobby, public restrooms, two elevators, 25 patient rooms, patient lounge, nurse station and related clinical support facilities, a food preparation and dining area, central supply storage, administrative suite, staff support space, radiology room, maintenance, custodial storage, and electrical and mechanical rooms (see **Figure 7**). The second floor would be 28,858 s.f. and would include 25 patient rooms, a patient lounge, nurse station and related clinical support space, electrical room, intellectual/developmental disabilities (IDF) room, classroom, doctor's lounge, physical therapy storage, pharmacy, activities of daily living (ADL) area, physical therapy, speech therapy, private rehabilitation, therapist work area and outdoor physical therapy area (see **Figure 8**).

The proposed building would include three building wings, extending from a central entry and reception area (see Figure 5). The main building entry would face eastward toward Advantage Court. Extending to the north, the administrative wing would include administrative, dietary, and logistical uses. Extending toward the west and south would be two patient wings. Each patient wing would include approximately 12–13 single-bed

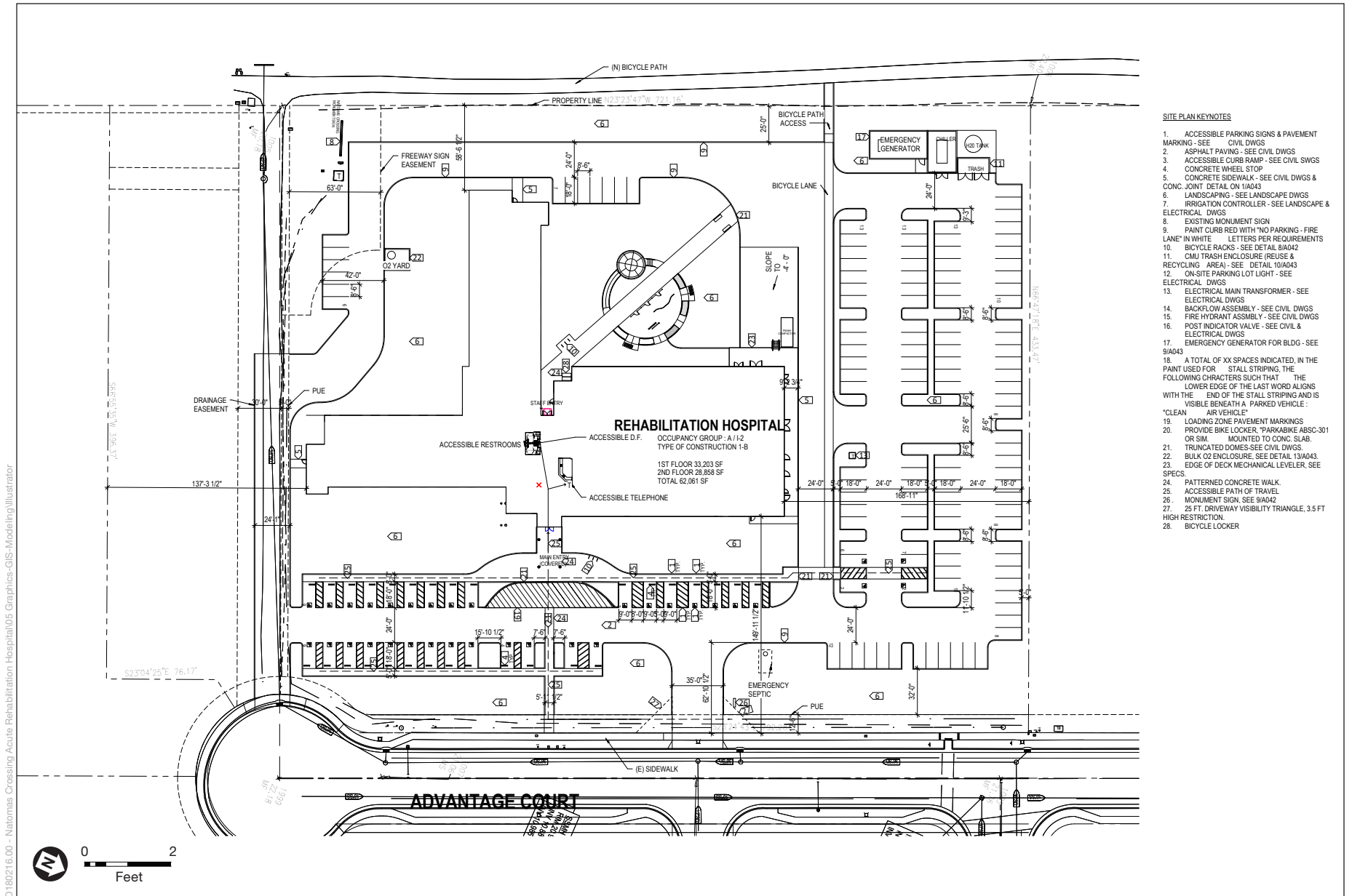


SOURCE: Esri, 2016; ESA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 4
Project Site





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SOURCE: HGA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 5
Site Plan



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1 OVERALL EAST ELEVATION
1/16" = 1'-0"



2 OVERALL NORTH ELEVATION
1/16" = 1'-0"



3 OVERALL WEST ELEVATION
1/16" = 1'-0"



4 OVERALL SOUTH ELEVATION
1/16" = 1'-0"

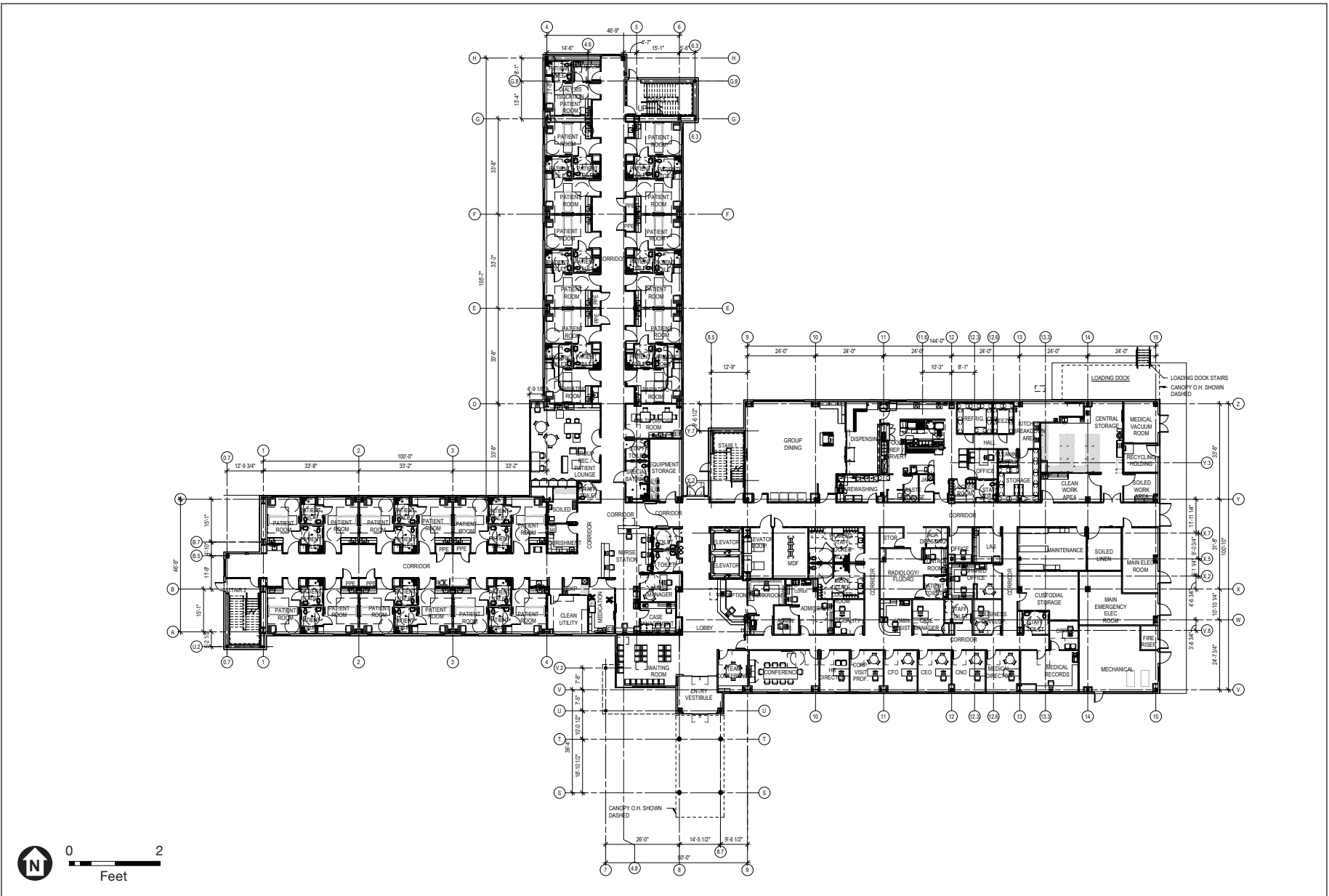


SOURCE: HGA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 6
Exterior Elevations





SOURCE: HGA, 2018

Natomas Crossing Acute Rehabilitation Hospital

Figure 7
Level 1 Floor Plan



patient rooms, per floor, for a total of 50 patient rooms. Each single-bed patient room would include a private restroom.

As shown in the Site Plan (see Figure 5), the proposed project site configuration would include the hospital structure, a landscaped outdoor therapy garden area on the northwest side of the building, a parking area on the north side of the project site, a drop-off and parking area in front of the hospital building along Advantage Court, small parking areas in the rear of the hospital building, and a landscaped open space area on the south side of the project site. An equipment and supply loading area would be located at ground level on the northwest side of the administrative wing. The proposed project would include 156 total vehicle parking spaces.

Vehicle Access

The project site is accessible from Advantage Court. The proposed project would add a main vehicle entry driveway along Advantage Court toward the administrative wing of the proposed ARH building. Another vehicle entry driveway would be constructed, extending west, at the bulb end of the Advantage Way cul-de-sac, connecting to a driveway that would extend along the southern side of the proposed ARH building and wrapping around the rear of the facility.

Internal vehicle circulation would be provided by a parking aisle across the east parking area in front of the main entry of the ARH building, parking aisles in the north parking area, and an internal roadway that circles the site from the southern project driveway around the south and west (rear) of the ARH building to the north parking area. The internal circulation provides adequate emergency vehicle access to and through the project site.

Freight and solid waste management services would be anticipated to access the project site via the proposed south driveway at the bulb of the Advantage Court cul-de-sac and utilize the internal roadway to access the loading dock for the ARH building and trash area located along the western perimeter of the parking area.

Pedestrian Access

An existing detached sidewalk flanks Advantage Court the proposed project would add landscaping between the sidewalk and the proposed parking area. Breaks in the sidewalk would be included to provide for the two proposed project driveways. Pedestrian access to the project site would be provided via the existing sidewalk and pedestrian walkways within and adjacent to the proposed parking area.

Bicycle Access

Access to the project site would be provided via Advantage Court, which would not be a high-traffic roadway. The proposed project also includes construction of a new bicycle path along the western property line between Interstate 5 and the project site, that would

include access to the project site. The proposed project would include parking racks for 10 bicycles.

Site Design

Exterior Lighting

Onsite security lighting would be provided in the parking lot and on the exterior of buildings. Proposed outdoor lighting fixtures would include downward-shielding for overhead light fixtures and low-intensity exterior lighting to minimize fugitive light. Lighting mounted to buildings would be for safety and security purposes and would also be angled downward to provide targeted illumination and prevent fugitive light from illuminating adjacent areas.

Landscaping

Onsite landscaping would consist of turf areas along the Advantage Court frontage and along the north, south, and west perimeters of the project site. Turf areas would be interspersed with trees and shrubs, as shown in Figure 5. Within the project site, parking aisles and building frontage would be lined with planter boxes with turf, trees, and shrubs. Landscaping would be designed to meet California Assembly Bill (AB) 1881, Executive Order B-29-15, and the City's Model Water Efficient Landscape Ordinance.

Signs

The proposed project would include two illuminated, wall-mounted signs that would be attached to the ARH building. The project site also has an existing monument sign adjacent to I-5 that is visible from northbound and southbound vehicle travel lanes on I-5. This existing monument sign is within an existing easement and would remain. Proposed signs require a separate review permitting process and will be consistent with City regulations regarding visual characteristics, size, height, and illumination.

Project Operations

Acute care rehabilitation facilities provide an outlet for area hospitals where capacity to provide multi-day rehabilitation care may be limited by the capacity of existing facilities. The proposed ARH facility would provide temporary post-hospital care to patients who have been stabilized and transported via medical transport from local hospitals, but remain in need continued care in a hospital setting. Patients could remain at the ARH facility for up to 10 days before being transported to a long-term care facility. Although patients are transported to the ARH facility via medical transports or ambulances, the vehicles do not use lights or sirens as the transport is deemed non-emergency.

The proposed ARH facility would operate 24 hours per day, 7 days per week. The facility would employ a total of 120 employees that would be spread across 3 shifts, as shown in **Table 1**. Shift 1 would include the greatest number of employees as it occurs during the day when most patient transfers, administrative activities, and rehabilitation activities

occur. Shift 1 would include administrative and maintenance staff, in addition to medical staff. Shifts 2 and 3 would be anticipated to be limited to medical staff and essential facility maintenance and custodial staff.

**TABLE 1
EMPLOYEE SHIFT DISTRIBUTION FOR PROPOSED PROJECT**

Shift	Time	Number of Employees
Shift 1	7:00 AM to 3:00 PM	60
Shift 2	3:00 PM to 11:00 PM	15
Shift 3	11:00 PM to 7:00 AM	15

Project Construction

Construction of the proposed project would be anticipated to occur in a single phase. Site preparation would include excavation for the establishment of onsite utilities and connection to existing utility lines in Advantage Court. No trees are proposed for removal as part of site preparation. Project construction would include construction of the project foundation followed by erection of the proposed structure. In addition to construction of the proposed structure, construction activities would be anticipated to include completion of external site features including internal driveway, parking, sidewalk, and landscaping areas as well as finishing the interior of the building.

Proposed project construction would include the implementation of numerous construction best management practices (BMPs) to minimize construction impacts from noise, vibration, light, dust, sedimentation and erosion, and general disturbances to nearby sensitive receptors and sensitive resources. Construction activities would occur between the hours of 7:00 a.m. and 6:00 p.m., on Monday, Tuesday, Wednesday, Thursday, Friday and Saturday, and between 9:00 a.m. and 6:00 p.m. on Sunday, consistent with the regulations described in City Code section 8.68.080.

The exact type and number of construction equipment to be used would be based on the contractor's judgement and what equipment is reasonably necessary to complete project construction using industry standard means and methods. Typical vehicles that are expected to be used include but are not limited to: scrapers, backhoes, skip loaders, water trucks, generators, cranes, and other miscellaneous equipment. Construction duration would be anticipated to last approximately 20 months.

Project Actions

The proposed project would require the following planning approvals from the City of Sacramento:

- Site Plan and Design Review for conceptual review of the proposed acute care rehabilitation facility.

The proposed project would also require the following actions by entities other than the City of Sacramento:

- Granting of a construction activity stormwater permit from the Central Valley Regional Water Quality Control Board (CVRWQCB).

Discussion

In the case of a project proposal requiring discretionary approval by the City concerning changes to a project for which the City has previously adopted an MND for the overall project, as here, the City must determine whether, in light of the proposed changes to the project, the environmental analysis in the original MND remains relevant because it retains some informational value and, if so, whether a subsequent EIR or MND is required, which would be the case if substantial evidence supports a fair argument that the changes to the project may result in a significant environmental impact that was not previously considered when the project was originally approved. The proposed changes to the prior project will remain within the same original parcel configuration and will retain many of the original features, rendering the previously adopted MND highly relevant to the environmental analysis of the changes to the project now proposed.

As described in State CEQA Guidelines Section 15164, a lead agency shall prepare an addendum to a previously adopted Negative Declaration if some changes or additions are necessary but none of the conditions identified in State CEQA Guidelines Section 15162 calling for the preparation of a subsequent Negative Declaration have occurred. The following identifies the standards set forth in State CEQA Guidelines Section 15162, for which the preparation of a subsequent IS/MND would be required:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the Negative Declaration was adopted, shows any of the following:
 - a. The project will have one or more significant effects not discussed in the previous EIR or negative declaration;

- b. Significant effects previously examined will be substantially more severe than shown in the previous EIR;
- c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project but the project proponents decline to adopt the mitigation measure or alternative; or
- d. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Based on the analysis in this Addendum, the City has determined that the proposed project changes would not result in any new significant adverse impacts, nor an increase in the severity of significant adverse impacts previously identified in the MND. The project would not require the adoption of any new or considerably different mitigation measures or alternatives. Lastly, although there have been some changes in the circumstances since the MND was approved, the changes are considered minor technical changes and the analysis in this Addendum demonstrates that there would be no new or more severe impacts due to these changes than previously evaluated and disclosed in the MND. Therefore, this Addendum is the appropriate form of environmental review required under CEQA. This Addendum has been prepared to satisfy the requirements of *CEQA Guidelines* Sections 15164 and 15162.

Differences in the potential impacts associated with the proposed project relative to those previously described in the Natomas Crossing – Area 3 IS/MND, are discussed below.

I. Land Use

At the time of the preparation of the Natomas Crossing – Area 3 IS/MND, and as described in the IS/MND, the project site was vacant, recently disced, and surrounded by vacant land and ongoing commercial and residential development. The project site remains vacant and is surrounded by land entitled for residential development to the east, undeveloped land immediately to the north, and land that is currently under development as a hotel to the south (see Figure 2 and Figure 4). Since the time the IS/MND was prepared, hotel and restaurant uses have been developed north and northeast of the project site along Advantage Court and Advantage Way, and a medical-office building and partially constructed business park are located to the immediate northeast of the project site on the land bordered by Advantage Court, Advantage Way, Benefit Way, and East Commerce Way.

In the Natomas Crossing – Area 3 IS/MND, the project site was anticipated to develop pursuant to the EC-50-PUD (Employment Center–50–Planned Unit Development) zoning designation and the Employment Center Mid-Rise general plan land use designation. Under the EC-50-PUD zoning requirements, development on the project site would be

required to employ a minimum of 207 employees (based on 90 employees per net acre, 300 gross square feet (gsf) per employee per Sacramento City Code section 17.216.430). The EC-50-PUD zone would allow for a maximum building height of 4 floors. The allowable square footage under the Employment Center Mid-Rise general plan land use designation would range between 60,221 s.f. and 481,775 s.f., based on the size of the project site and allowable FAR.

The proposed project would slightly deviate from the anticipated development included in the Natomas Crossing – Area 3 IS/MND. The proposed project would require the City to approve development below the minimum allowable FAR and minimum employee-per-net-acre ratios. The FAR for the proposed project would be approximately 0.26, which would be consistent with allowable FARs in the Employment Center Mid-Rise land use designation. The proposed project would employ 120 individuals, approximately 87 fewer employees than the minimum required for the EC-50-PUD zoning designation and analyzed in the IS/MND.

Relative to the originally anticipated level of development on the project site analyzed in the Natomas Crossing – Area 3 IS/MND, the proposed project would not be a substantial change, requiring major revisions to the Land Use analysis in the IS/MND. Development of the proposed project with approximately 87 fewer employees than the minimum required for the EC-50-PUD zoning designation would not represent substantial changes to the circumstances relating to Land Use under which the proposed project would be undertaken. The proposed project would remain as an employment generating use with a focus of bringing jobs to North Natomas. Neither the slight reduction in FAR nor the reduction in the number of employees below the minimum for this individual project would be anticipated to adversely affect the overall jobs-housing relationship in the North Natomas community, which provides a wide range of existing and planned housing and employment centers.

As was the case with the development analyzed in IS/MND, the proposed project would not divide an established community. Like the development analyzed in the IS/MND, the proposed project would be developed on vacant land that is surrounded by vacant land and/or commercial uses still under development.

The proposed project is in compliance with Mitigation 1 in the Natomas Crossing – Area 3 IS/MND, which requires payment of Natomas Basin Habitat Conservation Plan development fees. The fees were collected in 2002.¹ No additional mitigation measures are included in the Land Use section of the IS/MND.

The proposed project would not result in a new significant impact or a substantial increase in the severity of an impact identified in the IS/MND. No new information of substantial importance exists that results in mitigation measures or alternatives previously found not

¹ City of Sacramento, 2013. HCP Fees Paid & Grading Permit Status. Available: <https://www.cityofsacramento.org/-/media/Corporate/Files/CDD/Natomas/HCP-fees-paid-2013.pdf?la=en>. Accessed March 16, 2018.

to be feasible in the IS/MND would in fact be feasible, and would substantially reduce one or more significant effects of the proposed project, but the project proponents decline to adopt the mitigation measure or alternative. There are no mitigation measures or alternatives which are considerably different from those analyzed in the IS/MND that will substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. The proposed project does not involve any of the conditions that require preparation of a subsequent or supplemental EIR. For these reasons, impacts to Land Use from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

II. Population and Housing

The Natomas Crossing – Area 3 IS/MND determined that the proposed project would result in less-than-significant impacts with regards to population and housing.

The IS/MND identified the total proposed residential units and population at buildout of the North Natomas Community Plan (NNCP) as 33,257 and 66,495, respectively. The IS/MND concluded that the approximately 194 medium-density housing units that would be developed with buildout of the PUD Schematic Plan would not be considered to be substantial unplanned growth and thus identified a less-than-significant impact related to unplanned population growth. The proposed project would not remove or construct housing, and no impact to population would occur.

The proposed changes would not add population or affect housing, and would not alter the anticipated effects on population and housing associated with the project described in the previous IS/MND. The proposed project would not have more significant effects related to population and housing that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. For these reasons, impacts to population and housing from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

III. Seismicity, Soils, and Geology

Seismic Hazards

The seismic ground shaking conditions at the proposed project site would be the same as those of the originally-proposed project at Natomas Crossing.

As described in Section II of the IS/MND, the City of Sacramento requires implementation of Uniform Building Code (UBC) requirements that recognize State and federal earthquake protection. The State of California provides minimum standards for building design in Chapter 23 of the California Building Code (CBC) (Title 24 of California Code of Regulations), which is based on the UBC, but is more stringent and detailed than the federal code. Chapter 16 of the CBC further requires that the design of foundation and excavation-wall supports must reduce the exposure to potentially damaging seismic vibrations through seismic-resistant design.

North Natomas, where the project site is located, is susceptible to liquefaction events, based on soil types in the area. However, the proposed project is not located within a State Designated Seismic Hazard Zone for liquefaction.² Development associated with the proposed project would conform to the regulatory requirements and associated design standards of the CBC. Therefore, the impacts of seismic ground shaking, liquefaction, and associated hazards would remain less than significant. Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the analysis of anticipated development within the IS/MND, result in new significant impacts relating to seismic hazards or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required.

Erosion

There is potential for erosion and/or unstable earth conditions as a result of the construction activities that would result from development of the project site. However, as analyzed in the IS/MND, this potential would be minimized through implementation of the provisions of the UBC. Additionally, the City has adopted standard measures to control erosion and sediment during construction and all projects in the City are required to comply with the City's Standard Construction Specifications for Erosion and Sediment Control. Development of the proposed project would comply with the City's standards set forth in the "Administrative and Technical Procedures Manual for Grading and Erosion and Sediment Control," which assists project applicants in completing some of the steps necessary to obtain a grading permit and provides guidance and selected minimum standards to be used in the design and preparation of improvement plans.³ The proposed project would also comply with the City's grading ordinance (Chapter 15.88 of Sacramento City Code), which specifies construction standards to minimize erosion and runoff and requires the preparation and implementation of an erosion and sediment control plan. As a result of compliance with these regulatory requirements, the potential for erosion as a result of the proposed project would be minimized, and the impact would be less than significant. Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the anticipated development analyzed in the IS/MND, result in new significant impacts relating to erosion or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required.

² California Department of Conservation, 2015. Department of Conservation Website: Seismic Hazard Zones. Available: http://www.conservation.ca.gov/cgs/shzp/Pages/shmprealdis.aspx#in_zone. Accessed March 19, 2018.

³ City of Sacramento Department of Utilities, 2013. Administrative and Technical Procedures Manual for Grading and Erosion and Sediment Control. October 2013. Available: <https://www.google.com/search?q=city+of+sacramento+Administrative+and+Technical+Procedures+Manual+for+Grading+and+Erosion+and+Sediment+Control&ie=utf-8&oe=utf-8&client=firefox-b-1-ab#>. Accessed March 21, 2018.

Unstable Soils, Subsidence, and Topography

In the IS/MND, the City determined that impacts relating to geology and soils would be less than significant. Landslides are not considered to be a potential threat to the project area given its relatively flat topography and lack of unique geological or physical features that could result in a landslide. The IS/MND determined that the project site consists primarily of silty loam soils with low shrink-swell potential and moderate permeability, and that no subsidence of land was expected. Consistent with anticipated development of the project site, the proposed project would not include any long-term permanent groundwater pumping or dewatering activities. Furthermore, as described in Section III the IS/MND, the City of Sacramento requires the results of site-specific soil investigations to be incorporated into the engineering and seismic designs for individual structures proposed for development at the site prior to the issuance of building permits. These investigations are intended to identify potentially unsuitable soil conditions, including possible exposure to potentially damaging seismic vibrations, ground failure, liquefaction, settlement, subsidence, lateral spreading, and collapse. As part of the construction permitting process, the soil evaluations must contain recommendations for areas of potentially unstable soils specific to the site, and be incorporated into the construction design. Therefore, impacts related to unstable soils, subsidence, or unique topographical issues would be less than significant.

Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in new significant impacts relating to unstable soils, subsidence, or topography, or result in significant impacts that are substantially more severe than significant impacts previously described in the IS/MND. No new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous IS/MND. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous IS/MND would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts relating to geology, soils, or seismicity from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

IV. Water

As described in Section IV of the Natomas Crossing – Area 3 IS/MND, development of the project site would require compliance with the City's Comprehensive Stormwater Management Program as well as the State National Pollution Discharge Elimination System (NPDES) General Permit for stormwater discharges associated with construction

activity. Accordingly, a Stormwater Pollution Prevention Plan (SWPPP) would be prepared prior to project construction as part of the City's standard requirements for development. Compliance with these two regulations would assure that surface water quality is not adversely impacted by project development. Changes introduced by the proposed project and/or new circumstances relevant to the proposed project would not, as compared to the IS/MND, result in new significant impacts relating to water quality or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

Risk of Flooding

As described in Section IV of the Natomas Crossing – Area 3 IS/MND, the project area was located within Zone X according to the FEMA Flood Insurance Rate Map (FIRM) dated May 22, 2000. This zone is defined as areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood. Under the IS/MND the development of the project site was not expected to result in the exposure of people to flooding or flood related hazards.

In 2005, FEMA reinforced the agency's long-standing regulation to ensure that levee owners or communities document that a levee meets federal standards for protection against the one-percent-annual-chance flood. After re-evaluation of the levees by the US Army Corps of Engineers in December 2008, the Flood Insurance Rate Maps (FIRM) for the Natomas Basin were reclassified by the Federal Emergency Management Agency (FEMA). The Natomas Basin, which includes the project site, was reclassified as within the 100-year flood hazard zone (AE Zone) after the U.S. Army Corps of Engineers (USACE) decertified the levee system protecting the Natomas Basin. The remap required that all new construction or substantial improvements to structures had to meet a 33-foot base flood elevation requirement. Prior to the USACE decertification, the Sacramento Area Flood Control Agency (SAFCA) implemented the Natomas Levee Improvement Program (NLIP) to upgrade the levee system protecting the Natomas Basin. Construction of the NLIP began in 2007. However, the remap limited construction in the Natomas Basin to such an extent that it served as a de facto building moratorium.⁴

Levee improvements have been ongoing under the SAFCA NLIP, continuing from 2007 to the present. In June 2015, subsequent to certification of the IS/MND, FEMA approved an A99 flood zone designation for the Natomas Basin, which includes the project site. An A99 designation is an interim flood zone designation that does not diminish the risk consideration for the flood zone, but allows construction if certain conditions are met.⁵ Mandatory flood insurance purchase requirements and floodplain management are

⁴ City of Sacramento, 2018. Natomas Floodplain Remapping Update. Available: <http://www.cityofsacramento.org/Utilities/Education/Flood-Ready/Maps/Natomas-Remapping>. Accessed June 21, 2018.

⁵ Federal Emergency Management Agency, 2015. Flood Insurance Rate Map, Sacramento County: Map Number 06067C0045J. Available: <https://msc.fema.gov/portal/search?AddressQuery=natomas%2C%20ca#searchresultsanchor>. Accessed March 19, 2018.

required of properties located in Zone A99.⁶ At a minimum, projects located within Zone A99 would need to adhere to the floodplain management and building requirements set forth in Section 60.3 of the National Flood Insurance Program (NFIP) regulations, which include, but are not limited to, the following:⁷

- Review all permit applications to determine whether proposed building sites will be reasonably safe from flooding. If a proposed building site is in a flood-prone area, all new construction and substantial improvements shall (i) be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, (ii) be constructed with materials resistant to flood damage, (iii) be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.
- Review subdivision proposals and other proposed new development, including manufactured home parks or subdivisions, to determine whether such proposals will be reasonably safe from flooding. If a subdivision proposal or other proposed new development is in a flood-prone area, any such proposals shall be reviewed to assure that (i) all such proposals are consistent with the need to minimize flood damage within the flood-prone area, (ii) all public utilities and facilities, such as sewer, gas, electrical, and water systems are located and constructed to minimize or eliminate flood damage, and (iii) adequate drainage is provided to reduce exposure to flood hazards.

The proposed project would be required to comply with floodplain management and building requirements of Section 60.3 of the NFIP, consistent with the A99 flood zone designation.

Although the flood designation has changed, this revised designation does not impact the risk determination for the project site as described in the IS/MND. Therefore, the potential for the proposed project to exacerbate flood elevations or to be affected by flood conditions would be the same as those analyzed in the IS/MND. Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in new significant impacts relating to flooding or impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required.

Groundwater Supplies

As described for Impacts E through G in Section IV of the Natomas Crossing – Area 3 IS/MND, dewatering could be required during construction. If dewatering is deemed necessary at the project site, it could result in a short term change in the quantity of

⁶ Federal Emergency Management Agency, 2014. Adequate Progress on Flood Control Systems: Zone A99 Requirements Summary for State and Local Officials. Available: https://www.fema.gov/media-library-data/1417370512021-87d10b406536999e03e3f63fe55873f5/Zone_A99_Fact_Sheet.pdf. Accessed March 20, 2018.

⁷ Federal Emergency Management Agency, 2000. Section 60.3 Flood Plain Management Criteria for Flood Prone Areas. Available: https://www.fema.gov/media-library-data/20130726-1622-20490-7844/section60_3.pdf. Accessed March 20, 2018.

groundwater, the direction or rate of flow, and groundwater quality. Dewatering activities would comply with application requirements established by the Central Valley Regional Water Quality Control Board (CVRWQB) to ensure that dewatering activities would not result in adverse changes to groundwater. The proposed project would not require significant excavation such that groundwater resources would be adversely affected. Ground-disturbing construction activities would include trenching for utility connections, grading, and other minimally invasive earthmoving, and would not involve substantial excavation. The construction processes for the proposed project would be the same as those processes anticipated and analyzed in the IS/MND. Accordingly, this impact would be less than significant.

Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in new significant impacts relating to groundwater supplies or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous IS/MND. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts to hydrology or water quality from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

V. Air Quality

As presented in the Section V of the Natomas Crossing – Area 3 IS/MND, the Natomas Crossing – Area 3 project would conform to the requirements of the 1994 NNCP and would be consistent with the Transportation System Management (TSM) Plan and 1994 NNCP SEIR, which requires that projects be planned and developed in a way that reduces reliance on single-occupant vehicles through site design, target area, and community-wide measures. The IS/MND concluded that by being consistent with the TSM Plan and air quality strategies proposed under the 1994 NNCP SEIR, the project would result in a minimum 35 percent community-wide (50 percent for non-residential uses) decrease in ROG emissions, when measured against the baseline conditions and electric, other zero-emission, and low-emission vehicle use is promoted. By being consistent with these plans, the IS/MND found that the project would generate construction and operational emission that would result in a less than significant impact.

Since the publication of the IS/MND, the Sacramento Metropolitan Air Quality Management District (SMAQMD) has revised their air quality construction and

operational-significance thresholds to include PM₁₀ and PM_{2.5}. According to the SMAQMD CEQA guidance, project-related construction and operational emissions that exceed zero pounds per day of PM₁₀ and PM_{2.5} would result in a significant impact, unless all feasible Best Available Control Technologies/Best Management Practices (BACT/BMPs) are implemented. After implementation of all feasible SMAQMD's BACT/BMPs, the SMAQMD's significance threshold for PM₁₀ and PM_{2.5} increases to 80 pounds per day (14.6 tons per year) of PM₁₀ and 82 pounds per day (15 tons per year) of PM_{2.5}. Since the proposed project would implement all feasible SMAQMD's BACT/BMPs during construction and operation, SMAQMD's 80 pounds per day (14.6 tons per year) of PM₁₀ and 82 pounds per day (15 tons per year) of PM_{2.5} significance thresholds would apply.

The IS/MND did not model construction or operational criteria pollutant emissions for the commercial uses proposed within the Natomas Crossing Area 3. To evaluate the potential increase in criteria pollutant emissions as result of the proposed project, operational and construction emissions of ROG, NO_x, PM₁₀ and PM_{2.5} were modeled using CalEEMod 2013.2.2. Modeling evaluated the proposed project against the minimum and maximum allowable floor-area ratios (FARs) (0.25 and 2.0, respectively) for the project site. It was assumed under all scenarios that construction would begin in April 2019. Construction emissions were modeled based on varying construction durations: 20 months for the proposed project, 21 months for development of the project site at an FAR of 0.25, and 40 months for development of the project site at an FAR of 2.0. CalEEMod defaults for construction phasing and trip generation rates were used. The results of modeling are shown in **Table 2** and **Table 3**. Modeling results and assumptions can be found in Attachment 1.

As shown in Table 2, construction emissions of NO_x, PM₁₀ and PM_{2.5} generated by the proposed project would be below the SMAQMD significance thresholds. In addition, the proposed project construction emissions would be less than what was modeled for the project site based on assumed development intensities under the IS/MND. Since the modeled emissions under the proposed project would not exceed the SMAQMD significance thresholds and would be less than what could be emitted by assumed development under the IS/MND, construction of the proposed project would not generate construction emissions that would result in impacts greater than what was already evaluated under the IS/MND.

As shown in Table 3, operational emissions of ROG, NO_x, PM₁₀ and PM_{2.5} generated by the proposed project would be below the SMAQMD significance thresholds. In addition, the proposed project's operational emissions would be slightly higher than what was modeled for the low range of anticipated development under the IS/MND, with a FAR of 0.25, and lower than what was modeled for the high range of anticipated development under the IS/MND, with a FAR of 2.0. Since the modeled emissions for the proposed project would not exceed the SMAQMD significance thresholds and would not be greater than what could be emitted under development analyzed in the IS/MND, operation of the proposed project would not generate operational emissions that would result in impacts greater than what could occur for development anticipated under the IS/MND.

**TABLE 2
ESTIMATED CONSTRUCTION EMISSIONS**

Modeled Scenario	Nox (ppd)	ROG (ppd)	PM10 (ppd)	PM10 (tpy)	PM2.5 (ppd)	PM2.5 (tpy)
Project Site at FAR 0.25	28.7	5.0	6.8	0.2	4.2	0.1
Project Site at FAR 2.0	45.6	13.3	20.7	0.1	12.2	0.6
Proposed Project	19.5	4.9	6.3	0.2	3.8	0.1
Difference between Proposed Project and Project Site at FAR 0.25	-9.2	0.0	-0.1	0.0	-0.1	0.0
Difference between Proposed Project and Project Site at FAR 2.0	-26.1	-8.4	-14.4	0.1	-8.4	-0.5
SMAQMD Significance Thresholds	85	NA	80	14.6	82	15
Proposed Project Exceeds SMAQMD Significance thresholds?	No	NA	No	No	No	No

NOTES:

ppd = Pounds per day

tpy = Tons per year

1. Construction emissions for summertime and annual emissions were made using CalEEMod 2016.3.2. See Attachment 1 for details.
2. SMAQMD has established a zero emissions threshold for PM10 and PM2.5 when projects do not implement their Best Available Control Technologies/Best Management Practices (BACT/BMPs). If all feasible BACT/BMPs are applied, then significance threshold for PM10 is increased to 80 pounds per day/14.6 tons per year and PM2.5 is increased to 82 pounds per day/15 tons per year.

Source: ESA, 2018

**TABLE 3
ESTIMATED OPERATIONAL EMISSIONS**

Project	Nox (ppd)	ROG (ppd)	PM10 (ppd)	PM10 (tpy)	PM2.5 (ppd)	PM2.5 (tpy)
Project Site at FAR 0.25	5.4	3.3	3.3	0.4	0.9	0.1
Project Site at FAR 2.0	37.9	24.6	26.6	3.6	7.4	0.1
Proposed Project	7.4	3.5	4.4	0.7	1.3	0.2
Difference between Proposed Project and Project Site at FAR 0.25	2.0	0.1	0.3	0.8	0.4	1.0
Difference between Proposed Project and Project Site at FAR 2.0	-30.5	-21.1	-22.2	-2.9	-6.1	0.1
SMAQMD Significance Thresholds	65	65	80	14.6	82	15
Proposed Project Exceeds SMAQMD Significance thresholds?	No	No	No	No	No	No

NOTES:

ppd = Pounds per day

tpy = Tons per year

1. Operational emissions for summertime and annual emissions were made using CalEEMod 2016.3.2. See Attachment 1 for details.
2. SMAQMD has established a zero emissions threshold for PM10 and PM2.5 when projects do not implement their Best Available Control Technologies/Best Management Practices (BACT/BMPs). If all feasible BACT/BMPs are applied, then significance threshold for PM10 is reduced to 80 pounds per day/14.6 tons per year and PM2.5 is reduced to 82 pounds per day/15 tons per year.

Source: ESA, 2018

The Natomas Crossing – Area 3 IS/MND concluded that no significant emissions are anticipated to result from anticipated development on the project site and surrounding areas, within the Natomas Crossing PUD – Area 3. However, the construction of the proposed project could expose nearby sensitive receptors to toxic air contaminants (TACs) during project construction and operation. According to the Office of Environmental Health Hazard Assessment (OEHHA), health risk assessments should be based on a 30-year exposure period. However, such assessments should be limited to the period/duration of activities associated with the project. Thus, the duration of the proposed construction activities would only constitute a small percentage of the total 30-year exposure period. Due to this relatively short period of exposure, TACs generated during construction would not be expected to result in concentrations causing significant health risks.

The operation of the proposed project is not anticipated to significantly increase the amount of diesel fueled vehicle miles traveled. Diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds are subject to California Air Resources Board's (CARB) Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling. The rule restricts idling to no more than five consecutive minutes at any location. There are exceptions to the rule that allow for idling longer than five minutes in duration: diesel-fueled commercial motor vehicles controlling cargo temperature (such as refrigerated trucks delivering food) may idle for longer than five minutes. However, the amount of diesel-fueled commercial motor vehicles controlling cargo temperature is not expected to increase significantly as a result of the proposed project.

The proposed project would not alter the impacts to air quality relative to those discussed in the IS/MND. Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in a new significant impact or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the proposed project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the IS/MND. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents declined to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts to air quality from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

Global Climate Change

The Natomas Crossing – Area 3 IS/MND did not include a section that analyzed the impacts from the proposed project on global climate change. Since the publication of the IS/MND, the City of Sacramento has incorporated Global Climate Change or Greenhouse Gas Emissions as a required topic for environmental analysis and adopted the Sacramento Climate Action Plan (CAP) as part of the 2035 General Plan. The City's CAP includes several initiatives to reach its goals of reducing community-wide emissions by 15 percent below 2005 levels by 2020, 38 percent below 2005 levels by 2030, and 83 percent below 2005 levels by 2050.

The proposed project would comply with the City's CAP. The proposed project is located within an area designated as Employment Center Mid-Rise designation in the City's General Plan. The 2035 General Plan Master EIR evaluated greenhouse gas emissions related to development anticipated in the City based on land use designations and anticipated citywide growth. Because the proposed project would not change the general plan land use designation for the project site, the greenhouse gas emissions for the proposed project would be consistent with the general plan and CAP. The proposed project's development type and intensity is nearly identical to that anticipated under the general plan. In addition, the proposed project would be constructed in an area with pedestrian access via sidewalks and public transportation and would be consistent with the City's Pedestrian Master Plan and Bikeway Master Plan. The proposed project would be designed in compliance with the 2016 Title 24 Building Energy Efficiency Standards. Since development under the general plan, including development of the project site, has been analyzed in the 2035 General Plan Master EIR and greenhouse gas emissions have already been considered, the proposed project would not conflict with the implementation of the City's CAP.

While the IS/MND did not analyze the potential contributions to global climate change by anticipated development on the project site, changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in a new significant impact or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the proposed project would have one or more significant effects not previously discussed. Nor is there new information of substantial importance showing that mitigation measures considerably different from those analyzed in the IS/MND would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts from the proposed project that would contribute to global climate change would not require the preparation of a subsequent IS/MND or EIR.

VI. Transportation Circulation

The Natomas Crossing – Area 3 IS/MND noted that numerous studies and traffic investigations had been conducted for the project area (bounded by Del Paso Road to

the North, I-5 to the west, East Commerce Way to the east, and San Juan Road to the south), and no impacts had been identified. Because the proposed project development type and intensity are nearly identical to that analyzed in the IS/MND, a project-specific traffic study was not prepared for the proposed project.

The IS/MND identified that all entrances to the proposed project area are either signalized or have limited allowable turn movements, those facilities would be implemented as development of the proposed project area occurs.

The IS/MND identified that the following roadway improvements have been incorporated into the Natomas Crossing – Area 3 project design. The status of each project is noted parenthetically.

- Dedication and construction of Del Paso Road between I-5 and East Commerce Way (*completed*).
- Create a separated sidewalk on East Commerce Way north of Natomas Crossing Drive with some modifications to the median to accommodate future proposed signalized intersections and allowed turn movements (*completed*). The portion of East Commerce Way south of Natomas Crossing drive shall be constructed as a 4-lane facility as part of development assumed in the Natomas Crossing – Area 3 IS/MND (*not completed, as this portion of the Natomas Crossing – Area 3 project has not been developed as of the completion of this addendum*).
- Dedication and construction of San Juan Road fronting the proposed project (*completed*).

The IS/MND concluded that, based on upon the findings of numerous traffic studies and incorporation of the roadway improvements listed above, the proposed Natomas Crossing – Area 3 project would have a less-than-significant impact related to transportation and circulation.

At the time of the preparation of the Natomas Crossing – Area 3 IS/MND, and as described in the IS/MND, the project site was vacant and surrounded by vacant land and ongoing commercial and residential development. The project site remains vacant and is surrounded by land entitled for residential development to the east, undeveloped land immediately to the north, and land that is currently under development as a hotel to the south (see Figure 2 and Figure 4).

Since the IS/MND was prepared, hotel and restaurant uses have been developed north and northeast of the project site along Advantage Court and Advantage Way, and a medical office building and partially constructed business park are located to the immediate northeast of the project site on the land bordered by Advantage Court, Advantage Way, Benefit Way, and East Commerce Way. Development in the project area that has occurred since adoption of the Natomas Crossing – Area 3 IS/MND has comprised land uses and development intensities assumed to occur in the IS/MND. The

proposed project would deviate from the anticipated development included in the IS/MND by developing a project with a FAR that is slightly less than the minimum 0.25 FAR allowed in the Employment Center Mid-Rise land use designation and with approximately 87 fewer employees than the minimum required for the EC-50-PUD zoning designation. Consequently, the proposed project would be anticipated to generate fewer traffic trips than were assumed in the IS/MND.

The proposed project would not have more significant effects that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. Under existing conditions, the proposed project would not make feasible, mitigation measures that were found to be infeasible in the IS/MND. Further, there are no mitigation measures that were not considered in the IS/MND, that would more substantially reduce the potential effects of the proposed project on Land Use. For these reasons, impacts related to transportation and circulation from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

VII. Biological Resources

As described in Section VII of the Natomas Crossing – Area 3 IS/MND, the 6.23-acre project site is located within the Natomas Basin, east of the Sacramento River and north of the American River. A field assessment was conducted on May 12, 2002 to characterize the biological resources context of the Natomas Crossing – Area 3 project area. The IS/MND analyzed potential impacts of development on biological resources within the 298.5-acre project area and concluded that with included mitigation measures described below, development of Natomas Crossing – Area 3 would result in less-than-significant impacts to biological resources.

The proposed project site is subject to the requirements of the Natomas Basin HCP. The proposed project is in compliance with Mitigation 1 in the Natomas Crossing – Area 3 IS/MND, which requires payment of Natomas Basin Habitat Conservation Plan development fees. The fees were collected in 2002.⁸

The IS/MND analyzed potential impacts to two special-status species: giant garter snake (*Thamnophis gigas*) and Swainson's hawk (*Buteo swainsoni*). In addition, raptor species (birds of prey) were also considered due to presence of suitable habitat in the project area and surrounding vicinity. No giant garter snakes were found in the project area during a formal survey conducted from April 29 to May 31, 2001. Additionally, the majority of on-site aquatic habitats at the time were determined to represent unsuitable habitat for this species. A borrow pit wetland identified at that time was determined to be suitable foraging and transient habitat for giant garter snake. Swainson's hawk is known to occur in the vicinity of the project area and may utilize the annual grassland habitat within the project area for foraging. However, no nesting habitat was identified within the project area. Implementation of the Natomas Basin Habitat Conservation Plan (HCP) provisions and

⁸ City of Sacramento, 2013. HCP Fees Paid & Grading Permit Status. Available: <https://www.cityofsacramento.org/-/media/Corporate/Files/CDD/Natomas/HCP-fees-paid-2013.pdf?la=en>. Accessed March 16, 2018.

required mitigation fees for giant garter snake and Swainson's hawk would reduce potential impacts to these species to a less-than-significant level and no additional mitigation is required. Trees present within the project area or immediate vicinity could support nesting habitat for raptor species protected by the California Fish and Game Code, and compliance with regulatory measures is required. Additionally, formal wet and dry season surveys for vernal pool branchiopod species were conducted from 1998 to 1999 and no special-status invertebrates were identified in the project area. Thus, the IS/MND did not anticipate impacts to special-status invertebrates and no mitigation was required for these species.

The proposed Natomas Crossing PUD project site did not contain any trees that qualify for protection under the City of Sacramento Heritage Tree Ordinance; therefore, project related impacts to trees were considered less than significant and no mitigation was required.

A formal wetland delineation was conducted in support of the preparation of the IS/MND that identified seasonal wetlands and an excavated borrow-pit in the project area. However, none of the wetland habitats were subject to United States Army Corps of Engineers (USACE) jurisdiction under the Federal Clean Water Act. Previously identified isolated wetlands within the Natomas Crossing Acute Rehabilitation Hospital project site have been disturbed through grading and diking and their impacts have been mitigated through payment of mitigation fees in accordance with the Natomas Basin HCP. The Natomas Crossing PUD project obtained State Water Quality Certification from the Regional Water Quality Control Board prior to filling of identified wetland habitats.

ESA conducted a biological survey of the proposed Natomas Crossing Acute Rehabilitation Hospital project site on March 7, 2018 to identify current conditions and biological resources present onsite. Since the surveys conducted in May 2002, the site remains undeveloped and wetlands previously identified onsite have been graded and no longer exist. The site currently supports low-growing annual grasses and forbs, and the project site appears to be routinely disced for weed management. Some areas have shallow ponding from recent rain; however, no wetland vegetation or invertebrates were observed in these features. No special-status species, including those originally identified and discussed in the IS/MND, were observed. No active nests belonging to migratory bird species or raptors protected by the California Fish and Game Code were observed. No new sensitive habitats were observed.

In terms of project footprint, the proposed project is located entirely within the Natomas Crossing PUD project footprint. Project impacts would not significantly change from the previous analysis in the IS/MND. No new or significant resources not previously identified were observed during the recent survey of the proposed project site. Thus, relative to the originally-proposed project analyzed in the IS/MND, the proposed project would not be a substantial change, requiring major revisions to the biological resources analysis in the IS/MND. In addition, substantial changes to the circumstances relating to biological resources under which the proposed project would be undertaken, have not occurred.

The proposed project would not have more significant effects that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. Under existing conditions, the proposed project would not make feasible, mitigation measures that were found to be infeasible in the IS/MND. Further, there are no mitigation measures that were not considered in the IS/MND, that would more substantially reduce potential effects of the proposed project on biological resources. For these reasons, impacts to biological resources from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

VIII. Energy

Electrical service for the project site is provided by the Sacramento Municipal Utilities District (SMUD) and natural gas service is provided by Pacific Gas and Electric (PG&E). The project site has no existing overhead utility power lines. As analyzed in Section VIII of the Natomas Crossing – Area 3 IS/MND, the proposed project would result in a net increase of power and natural gas. However, the North Natomas Community Plan incorporated this level of development into the expected increase of energy demand and has planned utility expansion with cooperation from SMUD. Accordingly, a less than significant impact is expected.

The revised project would have the same energy requirements as were described in the IS/MND, including the updated 2017 State Building Energy Efficient Standards (Title 24). Therefore, impacts to energy infrastructure would be consistent with those analyzed in the IS/MND. No new mitigation measures would be required. For these reasons, impacts related to energy from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

IX. Hazards

Contaminated Soil or Groundwater

Under the project evaluated for the Natomas Crossing – Area 3 IS/MND, no evidence of hazardous materials was found to be present on the project site. Additionally, a hazardous materials database search found two leading underground storage tanks (LUSTs), one potential Superfund site, and six underground storage tanks (USTs) within the vicinity of the project area. However, the IS/MND found each of these sites to have no effect on development anticipated in the Natomas Crossing – Area 3 project area.

Based on a review of the Cortese List conducted in March 19, 2018, there are no active sites on the proposed project site or within 0.5 miles of the project site.^{9,10} Accordingly,

⁹ U.S. Department of Toxic Substances Control, 2018. Envirostor Database. California Department of Toxic Substances Control. DTSC's Hazardous Waste and Substances Site List – Site Cleanup (Cortese List). March 19, 2018. Available: <https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=natomas>.

¹⁰ California State Water Resources Control Board, 2018. Geotracker Database. State of California Central Plant Block 261 (T0606794060), 625 Q Street, Sacramento, CA 95814. Available: <https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=natomas>. Accessed: March 5, 2018.

changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in new significant impacts relating to hazardous materials or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required. For these reasons, impacts related to hazards from exposure to contaminated soil or groundwater resulting from implementation of the proposed project would not require the preparation of a subsequent IS/MND or EIR.

Fire Hazards

Analysis for Impact E of Section IX of the IS/MND determined that construction activities occurring during the dry season may create sparks that could ignite dry grasses and weeds in the project area or on the project site. However, the IS/MND concluded that this risk is similar to that found at other construction sites, and that best management practices such as clearing the project site of dried vegetation and including spark arresters on all construction equipment would reduce the risk of wildfire hazards to less than significant.

Health Hazards

Development of the proposed project could necessitate the use and storage of hazardous chemicals, radioactive materials, and biohazardous materials related specifically to the medical functions of the proposed project. The use, storage and disposal of these hazardous materials could result in health and safety risks for those handling the materials within the acute care hospital as well as the community. Should any of these materials be improperly used, stored or transported, toxins could be released into the air or water; fire or explosions could occur; and exposure could cause acute or chronic health effects to workers and visitors.

Due to the potential risks, acute care facilities like the proposed project are required to comply with several regulatory controls that control the transportation, storage, use, and disposal of chemical and other materials considered a risk to public health. Laws, regulations, and standards federally administered through the Occupational Safety and Health Administration (OSHA), California Department of Transportation (Caltrans), Resource Conservation and Recovery Act (RCRA), Environmental Protection Agency (EPA), California Environmental Protection Agency (Cal EPA), and the California Fire Code would ensure that the proposed project would implement appropriate safeguards and standards to reduce the risk of chemical and hazardous material exposure at the proposed acute care rehabilitation hospital and in the surrounding environment. The disposal of the hazardous wastes which would result from the handling and use of these materials would be conducted under federal, State, and local laws and regulations for hazardous materials management. The impact would therefore be less than significant.

There is no new information of substantial importance showing that the proposed project would have significant effects related to wildfire hazards not previously discussed or that any previously examined significant effects would be substantially more severe than

significant effects shown in the previous IS/MND. Therefore, impacts relating to fire hazards would be consistent with those analyzed in the IS/MND. No new mitigation measures would be required. For these reasons, impacts related to fire hazards from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

X. Noise

As presented in Section X of the Natomas Crossing – Area 3 IS/MND, construction of anticipated development on the project area would add to the noise environment in the immediate project vicinity. However, the IS/MND concluded that because construction activities would be temporary in nature occurring within the hours of operation specified in the City of Sacramento municipal code and no pile driving is proposed, development of the project area would result in a less-than-significant impact for construction noise. Since construction of the proposed acute care rehabilitation hospital would remain within the allowed hours specified in the City's municipal code and use similar construction equipment already anticipated and analyzed in the IS/MND, the proposed project would not result in new significant impacts or a substantial increase in severity of significant impacts.

The IS/MND modeled the 65 dBA, 70 dBA and 75 dBA L_{dn} traffic noise contours along I-5 under cumulative year 2025 conditions. The results of the traffic noise modeling concluded that the vast majority of the proposed project site lies within the 65 to 70 dBA L_{dn} traffic noise contours, which would exceed the land use compatibility guidelines found in the City of Sacramento General Plan. The IS/MND determined that typical façade design and construction in accordance with standard construction practices result in an exterior to interior noise attenuation of 28 to 38 dB L_{dn} with windows and doors closed. With building materials attenuating noise levels, and building setbacks from I-5, the IS/MND concluded the noise levels for non-residential uses would be below the City's threshold, and the impact would be less than significant. The proposed project would be a non-residential use set back from I-5, consistent with the assumptions described in the IS/MND. Therefore, the impact would be less than significant.

The differences in noise impacts of the proposed project, relative to those discussed in the IS/MND, would not be changed as no additional noise-generated uses or new sources of noise are proposed. Changes introduced by the proposed project and/or new circumstances relevant to the proposed project would not, as compared to the IS/MND, result in a new significant impact or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the IS/MND. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation

measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to noise from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

XI. Public Services

Potential impacts related to public services arising from the anticipated development of the project site were discussed in Section XII of the Natomas Crossing – Area 3 IS/MND. This analysis determined that the anticipated development at the project site would result in less-than-significant impacts to public services, as the required public services for the project area were planned for within the 1994 North Natomas Community Plan (NNCP). The proposed project would not alter the impacts to public services for police protection, fire protection, or schools from the analysis presented in the IS/MND, as no additional demand for those services would be created. The costs associated with operating and maintaining these services were accounted for in the IS/MND through requisite participation in the North Natomas Financing Plan.¹¹ An increased Public Facilities Fee for areas zoned EC-50-PUD was implemented under adoption of the North Natomas Nexus Study and Financing Plan 2008 Update (Resolution No. 2009-341).

Police protection services to the project site are provided by the Sacramento City Police Department (SPD). The project area is serviced by the William J. Kinney Police Facility, operating at 3550 Marysville Boulevard, approximately 5.5 miles east-southeast of the project site. In addition to the SPD, the Sacramento County Sheriff's Department, California Highway Patrol (CHP), UC Davis Police Department, and the Regional Transit Police Department aid the SPD to provide protection for the City.

Fire protection and emergency medical services to the project area are provided by the Sacramento Fire Department (SFD). First-response service is provided by the following stations:

- Station 43, located at 4201 El Centro Road, approximately 0.72 miles southwest of the project site;
- Station 30, located at 1901 Club Center Drive, approximately 1.85 miles northeast of the project site;
- Station 18, located at 746 N. Market Street, approximately 2.64 miles east-southeast of the project site; and
- Station 15, located at 1591 Newborough Drive, approximately 3.00 miles southeast of the project site.

¹¹ City of Sacramento, 2009. City of Sacramento Website: Resolution 2009-341, Adopting the 2008 Update. Available: <https://www.cityofsacramento.org/Community-Development/Planning/Natomas>. Accessed March 20, 2018.

The demand for police and fire protection services would be the same as that anticipated and analyzed in the IS/MND. The project site would be developed with uses anticipated to be constructed in the EC-50-PUD zone and at a slightly lesser intensity than analyzed in the IS/MND.

The proposed project would not require school or library services because the proposed project does not include any residential uses that would contribute to demand for these services.

The changes of the proposed project, relative to the anticipated development of the project site analyzed in the IS/MND, would not alter the impacts to public services relative to those discussed in the IS/MND, as no additional demand for these services would be created. Changes introduced by the proposed project and/or new circumstances relevant to the project would not, as compared to the IS/MND, result in a new significant impact or significant impacts that are substantially more severe than significant impacts previously disclosed. No new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous IS/MND. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous IS/MND would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to public services from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

XII. Utilities

The Natomas Crossing – Area 3 IS/MND concluded that the proposed project would result in less-than-significant impacts to utilities. The IS/MND determined that developer financing of infrastructure to supply water to the project site, provided by the City, would ensure less-than-significant impacts on water supply and water distribution infrastructure. The IS/MND further determined that required developer financing of fees and infrastructure to provide wastewater collection and treatment for the project provided by the Sacramento County Regional Sanitation District and County Sanitation District #1 would ensure less-than-significant impacts related to wastewater services. The IS/MND determined that required developer financing of fees and infrastructure to provide wastewater collection and treatment for the project provided by the Sacramento County Regional Sanitation District and County Sanitation District #1 would ensure less-than-significant impacts related to wastewater services. Developer fees are paid as part of the building permit process.

As it relates to drainage impacts, the IS/MND determined that required provision of adequate stormwater drainage infrastructure to the project to the satisfaction of the City Utilities Director and coordination with property owners in the area of Detention Basins #5 and #6 of the North Natomas drainage system would ensure less-than-significant impacts related to stormwater drainage.

The IS/MND determined that required compliance with provisions pertaining to solid waste recycling in the City's Comprehensive Zoning Ordinance, which requires preparation and City approval of a recycling program prior to issuance of building permits, would ensure less-than-significant impacts related to solid waste.

The proposed project would deviate from the anticipated development included in the IS/MND by developing a project with a FAR that is slightly less than the minimum 0.25 FAR allowed in the Employment Center Mid-Rise land use designation and with approximately 87 fewer employees than the minimum required for the EC-50-PUD zoning designation. Consequently, the proposed project would be anticipated to generate less demand on utilities and service systems than what was assumed in the IS/MND.

The proposed acute rehabilitation hospital is on the list of primary allowable uses within EC-50-PUD zone (Sacramento City Code 17.216.420). In terms of project footprint, the proposed project is located entirely within the Natomas Crossing PUD project footprint. Project impacts would not significantly change from the previous analysis in the IS/MND. Relative to the originally-proposed project, analyzed in the IS/MND, the proposed project would not be a substantial change, requiring major revisions to the utilities analysis in the IS/MND. In addition, substantial changes to the circumstances relating to utilities under which the proposed project would be undertaken, have not occurred. The proposed project would not have more significant effects that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. Under existing conditions, the proposed project would not make feasible, mitigation measures that were found to be infeasible in the IS/MND. Further, there are no mitigation measures that were not considered in the IS/MND, that would more substantially reduce potential effects of the proposed project on utilities. For these reasons, impacts to utilities from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

XIII. Aesthetics, Light, and Glare

The Natomas Crossing – Area 3 IS/MND determined that development of the project area would result in less-than-significant impacts related to aesthetics, light, and glare.

The IS/MND noted that the project area's transition from farmland to an urban community had been planned for and assessed in the North Natomas Community Plan, and, accordingly, urban uses proposed by the project would not result in impacts to scenic resources. The IS/MND also determined that required project compliance with the City's Zoning Ordinance would ensure that project impacts related to light, glare, and shadow would be less than significant.

The proposed project would deviate from the anticipated development included in the IS/MND by developing a project with a FAR that is slightly less than the minimum 0.25 FAR allowed in the Employment Center Mid-Rise land use designation and with approximately 87 fewer employees than the minimum required for the EC-50-PUD zoning designation. Neither of these changes to the proposed project would warrant changes to the aesthetic and visual analysis or conclusions in the IS/MND. The proposed building height, design, and setbacks are typical for employment center uses and would not be out of character with existing or planned surrounding development. Building security lighting, parking lot lighting, and lit signage would be designed such that light is shielded downward to prevent light intrusion onto other properties.

The proposed project would not have more significant effects that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. Under existing conditions, the proposed project would not make feasible, mitigation measures that were found to be infeasible in the IS/MND. Further, there are no mitigation measures that were not considered in the IS/MND, that would more substantially reduce the potential effects of the proposed project on aesthetics, light, and glare. For these reasons, impacts related to aesthetics, light, and glare from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

XIV. Cultural Resources

Under the project evaluated for the Natomas Crossing – Area 3 IS/MND, no cultural resources were located in the project area, and the analysis concluded there would not be impacts from construction, or related activities, to any known resources. An additional archaeological pedestrian survey and records search at the North Central Information Center (NCIC) at California State University Sacramento conducted for this addendum on March 5, 2018 identified no new or known cultural resources in the project area or on the project site.

The project site is within the Rural Historic Landscape Reclamation District 1000 (RD 1000), which is composed of farm parcels and infrastructure (roads, canals, irrigation ditches, and similar structures) built by the Natomas Company between 1911 and 1955 and then sold to private owners,^{12,13} but no cultural resources associated with the RD 1000, or contributing to this historical landscape, are located within the proposed project site. Thus the RD 1000 would not be impacted by any project activities.

While unlikely, if any previously unrecorded cultural resources are identified during project ground disturbing activities and are found to qualify as an historical resource per State

¹² Bradley, Denise, and Michael Corbett, 1996. Final Rural Historic Landscape Report for Reclamation District 1000 for the Cultural Resources Inventory and Evaluations for the American River Watershed Investigation, Sacramento and Sutter Counties, California. Report #3469 on file, California Historic Resource Information System, North Central Information Center, California State University, Sacramento.

¹³ California Department of Transportation, 2001. Historic Property Survey Report and Finding of Effect for the Proposed Stadium Interchange and Auxiliary Lanes on Interstate 5 Between Interstate 80 and Del Paso Road in Sacramento, Sacramento County, California. On file, California Historic Resource Information System, North Central Information Center, California State University, Sacramento.

CEQA Guidelines Section 15064.5 or a unique archaeological resource, as defined in Public Resources Code (PRC) Section 21083.2(g), any impacts to the resource resulting from the project could be potentially significant. Any such potential significant impacts would be reduced to a less than significant level by implementing Mitigation 4 from the IS/MND, which states the following:

Mitigation 4

If subsurface archaeological or historical remains (including unusual amounts of bones, stones, or shells) are discovered during excavation or construction of the site, work shall stop immediately and a qualified archaeologist and a representative of the Native American Heritage Commission shall be consulted to develop, if necessary, further mitigation measures to reduce any archaeological impact to a less-than-significant level before construction continues.

Mitigation 4 provides basic protocols that the project applicant and construction contractor would be required to follow in the event of inadvertent discovery of archaeological or tribal cultural resources. Implementation of Mitigation 4 would reduce potentially significant impacts from the proposed project to less-than-significant levels. Mitigation CUL-1, described below, clarifies and provides specific detail regarding the protocols described in Mitigation 4 as they are interpreted at present time.

Mitigation Measure CUL-1. Inadvertent Discovery of Tribal Cultural Resources and/or Archaeological Resources.

If prehistoric or historic-period archaeological resources are encountered during construction of the proposed project, all ground disturbing activities shall halt within the project property up to 100 feet from the location of the discovery and the City shall be notified. Prehistoric archaeological materials include, for example, obsidian and chert flaked-stone tools (e.g., projectile points, knives, scrapers) or toolmaking debris; culturally darkened soil (midden) containing heat-affected rocks, artifacts, or shellfish remains; and stone milling equipment (e.g., mortars, pestles, handstones, or milling slabs); and battered stone tools, such as hammerstones and pitted stones. Any tribal cultural resources discovered during project work shall be immediately disclosed to the City and treated in consultation with the Native American monitor on site, if applicable, or with Native American representatives, with the goal of preserving in place with proper treatment. Historic-period materials may include stone, concrete, or adobe footings and walls; filled wells or privies; and deposits of metal, glass, and/or ceramic refuse. A qualified archaeologist, defined as one meeting the Secretary of the Interior's Professional Qualifications Standards for Archeology, shall inspect the findings within 24 hours of discovery. If the City determines that an archaeological resource qualifies as a historical resource, unique archaeological resource, or tribal cultural resource (as defined pursuant to CEQA Guidelines) and that the project has potential to damage or destroy the resource, the following shall be implemented:

- 1) If the resource has an association with Native Americans, the City shall consult with appropriate Native American Tribal Representatives and a qualified archaeologist to determine the appropriate mitigation. If preservation in place is feasible, this may be accomplished through one of the following means: (1) modifying the construction plan to avoid the resource; (2) incorporating the resource within open space; (3) capping and covering the resource before building appropriate facilities on the resource site; or (4) deeding resource site into a permanent conservation easement. Consultation between the City, Native American Tribal Representatives, and a qualified archaeologist may result in alternative means of preservation for archaeological resources and/or tribal cultural resources associated with Native Americans.
- 2) If the resource does not have an association with Native Americans, mitigation shall be implemented in accordance with PRC Section 21083.2 and CEQA Guidelines Section 15126.4. Consistent with CEQA Guidelines Section 15126.4(b)(3), mitigation shall be accomplished through either preservation in place or, if preservation in place is not feasible, data recovery through excavation. If preservation in place is feasible, this may be accomplished through one of the following means: (1) modifying the construction plan to avoid the resource; (2) incorporating the resource within open space; (3) capping and covering the resource before building appropriate facilities on the resource site; or (4) deeding resource site into a permanent conservation easement. If avoidance or preservation in place is not feasible, a qualified archaeologist shall prepare and implement a detailed treatment plan to recover the scientifically consequential information from and about the resource, which shall be reviewed and approved by the City prior to any excavation at the resource site. Treatment of unique archaeological resources shall follow the applicable requirements of PRC Section 21083.2. Treatment for most resources would consist of (but would not be not limited to) sample excavation, artifact collection, site documentation, and historical research, with the aim to target the recovery of important scientific data contained in the portion(s) of the significant resource to be impacted by the Project. The treatment plan shall include provisions for analysis of data in a regional context, reporting of results within a timely manner, curation of artifacts and data at an approved facility, and dissemination of reports to local and state repositories, libraries, and interested professionals.
- 3) In the event of discovery or recognition of any human remains during project construction, project construction activities within 100 feet of the find shall cease until the Sacramento County Coroner has been contacted to determine that no investigation of the cause of death is required. The City shall comply with requirements identified by the NAHC for the appropriate means of treating the human remains and any associated funerary objects (CEQA Guidelines Section 15064.5[d]).

The proposed acute rehabilitation hospital is on the list of primary allowable uses within EC-50-PUD zone (Sacramento City Code 17.216.420). In terms of project footprint, the

proposed project is located entirely within the Natomas Crossing PUD project footprint. Project impacts would not significantly change from the previous analysis in the IS/MND. No new or significant resources, not previously identified were observed during the recent survey of the proposed project site. Thus, relative to the project analyzed in the IS/MND, the proposed project would not be a substantial change, requiring major revisions to the cultural resources analysis in the IS/MND. In addition, substantial changes to the circumstances relating to cultural resources under which the proposed project would be undertaken, have not occurred. The proposed project would not have more significant effects that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. Under existing conditions, the proposed project would not make feasible, mitigation measures that were found to be infeasible in the IS/MND. Further, there are no mitigation measures that were not considered in the IS/MND, that would more substantially reduce potential effects of the proposed project on cultural resources, but new mitigation measure CUL-1 does clarify the steps necessary to comply with IS/MND Mitigation 4. For these reasons, impacts to cultural resources from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

XV. Recreation

The Natomas Crossing – Area 3 IS/MND noted that the project site has been identified for urbanized land uses that does not include recreational uses. The IS/MND also identified that there are no recreational facilities in the project area, the project area is not used for recreational purposes, and required participation in the North Natomas Financing Plan and Landscaping and Lighting District would ensure that individual project impacts related to recreation would be less than significant.

The proposed project site is currently undeveloped, and development of the project site would not remove recreational facilities. Additionally, the development of an acute care rehabilitation hospital would not result in the increased demand for recreational facilities as no residential uses are proposed as part of the project. Development of the proposed project would not warrant changes to the recreation analysis or conclusions reached in the IS/MND.

The proposed project would not have more significant effects that were not discussed in the previous IS/MND or increase the severity of impacts discussed therein. Under existing conditions, the proposed project would not make feasible, mitigation measures that were found to be infeasible in the IS/MND. Further, there are no mitigation measures that were not considered in the IS/MND, that would more substantially reduce the potential effects of the proposed project on recreation. For these reasons, impacts related to recreation from the proposed project would not require the preparation of a subsequent IS/MND or EIR.

Conclusion

As established in the discussions above regarding the potential effects of the proposed project, substantial changes are not proposed to the project, nor have any substantial changes occurred that would require major revisions to the original IS/MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects. The proposed project would not include any substantial new information, changes, or impacts that would require major revisions to the 2002 Natomas Crossing – Area 3 IS/MND and no new mitigation measures would be required. In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous IS/MND. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous IS/MND would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. Therefore, the City of Sacramento's Community Development Department concludes that the analyses conducted and the conclusions reached in the MND remains relevant and valid. As such, based on the record as a whole, there is no substantial evidence to support a fair argument that the proposed project may result in significant environmental impacts not previously studied in the MND and, accordingly, the project changes would not result in any conditions identified in CEQA Guidelines Section 15162. Thus, a subsequent EIR or MND is not required for the changes to the project. The proposed project would remain subject to all applicable previously required mitigation measures from the MND.

Based on the above analysis, this Addendum to the previously adopted Initial Study/Mitigated Negative Declaration for the project has been prepared.

Attachments:

- 1) Air Quality Data

References Cited

- Bradley, Denise, and Michael Corbett, 1996. Final Rural Historic Landscape Report for Reclamation District 1000 for the Cultural Resources Inventory and Evaluations for the American River Watershed Investigation, Sacramento and Sutter Counties, California. Report #3469 on file, California Historic Resource Information System, North Central Information Center, California State University, Sacramento.
- California Department of Conservation, 2015. Department of Conservation Website: Seismic Hazard Zones. Available: http://www.conservation.ca.gov/cgs/shzp/Pages/shmprealdis.aspx#in_zone. Accessed March 19, 2018.
- California Department of Transportation, 2001. Historic Property Survey Report and Finding of Effect for the Proposed Stadium Interchange and Auxiliary Lanes on Interstate 5 Between Interstate 80 and Del Paso Road in Sacramento, Sacramento County, California. On file, California Historic Resource Information System, North Central Information Center, California State University, Sacramento.
- California State Water Resources Control Board, 2018. Geotracker Database. State of California Central Plant Block 261 (T0606794060), 625 Q Street, Sacramento, CA 95814. Available: <https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=natomas>. Accessed: March 5, 2018.
- City of Sacramento, 2009. City of Sacramento Website: Resolution 2009-341, Adopting the 2008 Update. Available: <https://www.cityofsacramento.org/Community-Development/Planning/Natomas>. Accessed March 20, 2018.
- , 2013. HCP Fees Paid & Grading Permit Status. Available: <https://www.cityofsacramento.org/-/media/Corporate/Files/CDD/Natomas/HCP-fees-paid-2013.pdf?la=en>. Accessed March 16, 2018.
- , 2018. Natomas Floodplain Remapping Update. Available: <http://www.cityofsacramento.org/Utilities/Education/Flood-Ready/Maps/Natomas-Remapping>. Accessed June 21, 2018.
- City of Sacramento Department of Utilities, 2013. Department of Conservation Website: Seismic Hazard Zones. Available: <https://www.google.com/search?q=city+of+sacramento+Administrative+and+Technical+Procedures+Manual+for+Grading+and+Erosion+and+Sediment+Control&ie=utf-8&oe=utf-8&client=firefox-b-1-ab#>. Accessed March 21, 2018.
- Federal Emergency Management Agency, 2000. Section 60.3 Flood Plain Management Criteria for Flood Prone Areas. Available: https://www.fema.gov/media-library-data/20130726-1622-20490-7844/section60_3.pdf. Accessed March 20, 2018.
- , 2014. Adequate Progress on Flood Control Systems: Zone A99 Requirements Summary for State and Local Officials. Available: <https://www.fema.gov/media->

library-data/1417370512021-87d10b406536999e03e3f63fe55873f5/Zone_A99_Fact_Sheet.pdf. Accessed March 20, 2018.

———, 2015. Flood Insurance Rate Map, Sacramento County: Map Number 06067C0045J. Available: <https://msc.fema.gov/portal/search?AddressQuery=natomas%2C%20ca#searchresultsanchor>. Accessed March 19, 2018.

U.S. Department of Toxic Substances Control, 2018. Envirostor Database. California Department of Toxic Substances Control. DTSC's Hazardous Waste and Substances Site List – Site Cleanup (Cortese List). March 19, 2018. Available: <https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=natomas>.

Attachment #1

Air Quality Data



Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

Acute Rehabilitation Hospital
Sacramento Metropolitan AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	62.23	1000sqft	1.43	62,228.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2020
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Assumed construction phasing over a 20 month period

Trips and VMT -

Grading - Project site already graded

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	257.00
tblConstructionPhase	NumDays	200.00	257.00
tblConstructionPhase	NumDays	10.00	130.00
tblConstructionPhase	NumDays	2.00	44.00
tblGrading	AcresOfGrading	22.50	0.00
tblLandUse	LandUseSquareFeet	62,230.00	62,228.00

2.0 Emissions Summary

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	4-2-2019	7-1-2019	0.5720	0.5720
6	7-2-2019	10-1-2019	0.3342	0.3342
7	10-2-2019	1-1-2020	0.4973	0.4973
8	1-2-2020	4-1-2020	0.7251	0.7251
9	4-2-2020	7-1-2020	0.7242	0.7242
10	7-2-2020	9-30-2020	0.7242	0.7242
		Highest	0.7251	0.7251

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2720	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003
Energy	0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	562.9573	562.9573	0.0209	7.5500e-003	565.7317
Mobile	0.2567	1.0945	2.9995	8.5000e-003	0.6956	9.2300e-003	0.7048	0.1866	8.6800e-003	0.1952	0.0000	780.9644	780.9644	0.0404	0.0000	781.9756
Waste						0.0000	0.0000		0.0000	0.0000	136.4262	0.0000	136.4262	8.0626	0.0000	337.9901
Water						0.0000	0.0000		0.0000	0.0000	2.7627	11.8118	14.5745	0.0101	6.1300e-003	16.6529
Total	0.5513	1.3004	3.1733	9.7400e-003	0.6956	0.0249	0.7205	0.1866	0.0243	0.2109	139.1889	1,355.7350	1,494.9239	8.1340	0.0137	1,702.3518

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2720	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003
Energy	0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	562.9573	562.9573	0.0209	7.5500e-003	565.7317
Mobile	0.2567	1.0945	2.9995	8.5000e-003	0.6956	9.2300e-003	0.7048	0.1866	8.6800e-003	0.1952	0.0000	780.9644	780.9644	0.0404	0.0000	781.9756
Waste						0.0000	0.0000		0.0000	0.0000	136.4262	0.0000	136.4262	8.0626	0.0000	337.9901
Water						0.0000	0.0000		0.0000	0.0000	2.7627	11.8118	14.5745	0.0101	6.1300e-003	16.6529
Total	0.5513	1.3004	3.1733	9.7400e-003	0.6956	0.0249	0.7205	0.1866	0.0243	0.2109	139.1889	1,355.7350	1,494.9239	8.1340	0.0137	1,702.3518

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

3.0 Construction Detail

Construction Phase

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2019	6/1/2019	5	44	
2	Paving	Paving	6/2/2019	11/29/2019	5	130	
3	Building Construction	Building Construction	11/30/2019	11/24/2020	5	257	
4	Architectural Coating	Architectural Coating	11/30/2019	11/24/2020	5	257	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 93,342; Non-Residential Outdoor: 31,114; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	20.00	10.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1186	0.0000	0.1186	0.0652	0.0000	0.0652	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0269	34.0269	0.0108	0.0000	34.2960
Total	0.0377	0.4286	0.1736	3.8000e-004	0.1186	0.0194	0.1380	0.0652	0.0179	0.0830	0.0000	34.0269	34.0269	0.0108	0.0000	34.2960

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	7.1000e-004	5.0000e-004	5.4000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1816	1.1816	4.0000e-005	0.0000	1.1825
Total	7.1000e-004	5.0000e-004	5.4000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1816	1.1816	4.0000e-005	0.0000	1.1825

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1186	0.0000	0.1186	0.0652	0.0000	0.0652	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0268	34.0268	0.0108	0.0000	34.2960
Total	0.0377	0.4286	0.1736	3.8000e-004	0.1186	0.0194	0.1380	0.0652	0.0179	0.0830	0.0000	34.0268	34.0268	0.0108	0.0000	34.2960

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	7.1000e-004	5.0000e-004	5.4000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1816	1.1816	4.0000e-005	0.0000	1.1825
Total	7.1000e-004	5.0000e-004	5.4000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1816	1.1816	4.0000e-005	0.0000	1.1825

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0588	0.5963	0.5787	8.8000e-004		0.0340	0.0340		0.0313	0.0313	0.0000	78.1369	78.1369	0.0243	0.0000	78.7431
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0588	0.5963	0.5787	8.8000e-004		0.0340	0.0340		0.0313	0.0313	0.0000	78.1369	78.1369	0.0243	0.0000	78.7431

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	3.4200e-003	2.4000e-003	0.0259	6.0000e-005	6.2100e-003	5.0000e-005	6.2500e-003	1.6500e-003	4.0000e-005	1.6900e-003	0.0000	5.6731	5.6731	1.8000e-004	0.0000	5.6775
Total	3.4200e-003	2.4000e-003	0.0259	6.0000e-005	6.2100e-003	5.0000e-005	6.2500e-003	1.6500e-003	4.0000e-005	1.6900e-003	0.0000	5.6731	5.6731	1.8000e-004	0.0000	5.6775

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0588	0.5963	0.5787	8.8000e-004		0.0340	0.0340		0.0313	0.0313	0.0000	78.1368	78.1368	0.0243	0.0000	78.7430
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0588	0.5963	0.5787	8.8000e-004		0.0340	0.0340		0.0313	0.0313	0.0000	78.1368	78.1368	0.0243	0.0000	78.7430

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	3.4200e-003	2.4000e-003	0.0259	6.0000e-005	6.2100e-003	5.0000e-005	6.2500e-003	1.6500e-003	4.0000e-005	1.6900e-003	0.0000	5.6731	5.6731	1.8000e-004	0.0000	5.6775
Total	3.4200e-003	2.4000e-003	0.0259	6.0000e-005	6.2100e-003	5.0000e-005	6.2500e-003	1.6500e-003	4.0000e-005	1.6900e-003	0.0000	5.6731	5.6731	1.8000e-004	0.0000	5.6775

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0250	0.1758	0.1484	2.4000e-004		0.0101	0.0101		9.7300e-003	9.7300e-003	0.0000	20.1379	20.1379	3.8700e-003	0.0000	20.2347
Total	0.0250	0.1758	0.1484	2.4000e-004		0.0101	0.0101		9.7300e-003	9.7300e-003	0.0000	20.1379	20.1379	3.8700e-003	0.0000	20.2347

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	5.3000e-004	0.0135	4.1200e-003	3.0000e-005	6.4000e-004	1.0000e-004	7.4000e-004	1.9000e-004	9.0000e-005	2.8000e-004	0.0000	2.6190	2.6190	1.6000e-004	0.0000	2.6231
Worker	8.9000e-004	6.3000e-004	6.7500e-003	2.0000e-005	1.6200e-003	1.0000e-005	1.6300e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4770	1.4770	5.0000e-005	0.0000	1.4782
Total	1.4200e-003	0.0141	0.0109	5.0000e-005	2.2600e-003	1.1000e-004	2.3700e-003	6.2000e-004	1.0000e-004	7.2000e-004	0.0000	4.0960	4.0960	2.1000e-004	0.0000	4.1013

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0250	0.1758	0.1484	2.4000e-004		0.0101	0.0101		9.7300e-003	9.7300e-003	0.0000	20.1379	20.1379	3.8700e-003	0.0000	20.2347
Total	0.0250	0.1758	0.1484	2.4000e-004		0.0101	0.0101		9.7300e-003	9.7300e-003	0.0000	20.1379	20.1379	3.8700e-003	0.0000	20.2347

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	5.3000e-004	0.0135	4.1200e-003	3.0000e-005	6.4000e-004	1.0000e-004	7.4000e-004	1.9000e-004	9.0000e-005	2.8000e-004	0.0000	2.6190	2.6190	1.6000e-004	0.0000	2.6231
Worker	8.9000e-004	6.3000e-004	6.7500e-003	2.0000e-005	1.6200e-003	1.0000e-005	1.6300e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.4770	1.4770	5.0000e-005	0.0000	1.4782
Total	1.4200e-003	0.0141	0.0109	5.0000e-005	2.2600e-003	1.1000e-004	2.3700e-003	6.2000e-004	1.0000e-004	7.2000e-004	0.0000	4.0960	4.0960	2.1000e-004	0.0000	4.1013

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2386	1.7376	1.5496	2.5900e-003		0.0935	0.0935		0.0903	0.0903	0.0000	213.3120	213.3120	0.0396	0.0000	214.3020
Total	0.2386	1.7376	1.5496	2.5900e-003		0.0935	0.0935		0.0903	0.0903	0.0000	213.3120	213.3120	0.0396	0.0000	214.3020

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	4.5000e-003	0.1318	0.0368	2.9000e-004	6.8700e-003	6.8000e-004	7.5500e-003	1.9900e-003	6.5000e-004	2.6400e-003	0.0000	27.8021	27.8021	1.6500e-003	0.0000	27.8432
Worker	8.7500e-003	5.9300e-003	0.0651	1.7000e-004	0.0173	1.2000e-004	0.0174	4.5900e-003	1.1000e-004	4.7000e-003	0.0000	15.2923	15.2923	4.3000e-004	0.0000	15.3031
Total	0.0133	0.1377	0.1018	4.6000e-004	0.0241	8.0000e-004	0.0249	6.5800e-003	7.6000e-004	7.3400e-003	0.0000	43.0944	43.0944	2.0800e-003	0.0000	43.1463

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2386	1.7376	1.5496	2.5900e-003		0.0935	0.0935		0.0903	0.0903	0.0000	213.3118	213.3118	0.0396	0.0000	214.3017
Total	0.2386	1.7376	1.5496	2.5900e-003		0.0935	0.0935		0.0903	0.0903	0.0000	213.3118	213.3118	0.0396	0.0000	214.3017

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	4.5000e-003	0.1318	0.0368	2.9000e-004	6.8700e-003	6.8000e-004	7.5500e-003	1.9900e-003	6.5000e-004	2.6400e-003	0.0000	27.8021	27.8021	1.6500e-003	0.0000	27.8432
Worker	8.7500e-003	5.9300e-003	0.0651	1.7000e-004	0.0173	1.2000e-004	0.0174	4.5900e-003	1.1000e-004	4.7000e-003	0.0000	15.2923	15.2923	4.3000e-004	0.0000	15.3031
Total	0.0133	0.1377	0.1018	4.6000e-004	0.0241	8.0000e-004	0.0249	6.5800e-003	7.6000e-004	7.3400e-003	0.0000	43.0944	43.0944	2.0800e-003	0.0000	43.1463

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0247					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9300e-003	0.0202	0.0203	3.0000e-005		1.4200e-003	1.4200e-003		1.4200e-003	1.4200e-003	0.0000	2.8086	2.8086	2.4000e-004	0.0000	2.8145
Total	0.0276	0.0202	0.0203	3.0000e-005		1.4200e-003	1.4200e-003		1.4200e-003	1.4200e-003	0.0000	2.8086	2.8086	2.4000e-004	0.0000	2.8145

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	1.8000e-004	1.3000e-004	1.3500e-003	0.0000	3.2000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2954	0.2954	1.0000e-005	0.0000	0.2956
Total	1.8000e-004	1.3000e-004	1.3500e-003	0.0000	3.2000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2954	0.2954	1.0000e-005	0.0000	0.2956

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0247					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9300e-003	0.0202	0.0203	3.0000e-005		1.4200e-003	1.4200e-003		1.4200e-003	1.4200e-003	0.0000	2.8086	2.8086	2.4000e-004	0.0000	2.8145
Total	0.0276	0.0202	0.0203	3.0000e-005		1.4200e-003	1.4200e-003		1.4200e-003	1.4200e-003	0.0000	2.8086	2.8086	2.4000e-004	0.0000	2.8145

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	1.8000e-004	1.3000e-004	1.3500e-003	0.0000	3.2000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2954	0.2954	1.0000e-005	0.0000	0.2956
Total	1.8000e-004	1.3000e-004	1.3500e-003	0.0000	3.2000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2954	0.2954	1.0000e-005	0.0000	0.2956

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2637					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.1979	0.2152	3.5000e-004		0.0130	0.0130		0.0130	0.0130	0.0000	30.0007	30.0007	2.3200e-003	0.0000	30.0588
Total	0.2922	0.1979	0.2152	3.5000e-004		0.0130	0.0130		0.0130	0.0130	0.0000	30.0007	30.0007	2.3200e-003	0.0000	30.0588

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	1.7500e-003	1.1900e-003	0.0130	3.0000e-005	3.4500e-003	2.0000e-005	3.4800e-003	9.2000e-004	2.0000e-005	9.4000e-004	0.0000	3.0585	3.0585	9.0000e-005	0.0000	3.0606
Total	1.7500e-003	1.1900e-003	0.0130	3.0000e-005	3.4500e-003	2.0000e-005	3.4800e-003	9.2000e-004	2.0000e-005	9.4000e-004	0.0000	3.0585	3.0585	9.0000e-005	0.0000	3.0606

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2637					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.1979	0.2152	3.5000e-004		0.0130	0.0130		0.0130	0.0130	0.0000	30.0007	30.0007	2.3200e-003	0.0000	30.0588
Total	0.2922	0.1979	0.2152	3.5000e-004		0.0130	0.0130		0.0130	0.0130	0.0000	30.0007	30.0007	2.3200e-003	0.0000	30.0588

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	1.7500e-003	1.1900e-003	0.0130	3.0000e-005	3.4500e-003	2.0000e-005	3.4800e-003	9.2000e-004	2.0000e-005	9.4000e-004	0.0000	3.0585	3.0585	9.0000e-005	0.0000	3.0606
Total	1.7500e-003	1.1900e-003	0.0130	3.0000e-005	3.4500e-003	2.0000e-005	3.4800e-003	9.2000e-004	2.0000e-005	9.4000e-004	0.0000	3.0585	3.0585	9.0000e-005	0.0000	3.0606

4.0 Operational Detail - Mobile

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2567	1.0945	2.9995	8.5000e-003	0.6956	9.2300e-003	0.7048	0.1866	8.6800e-003	0.1952	0.0000	780.9644	780.9644	0.0404	0.0000	781.9756
Unmitigated	0.2567	1.0945	2.9995	8.5000e-003	0.6956	9.2300e-003	0.7048	0.1866	8.6800e-003	0.1952	0.0000	780.9644	780.9644	0.0404	0.0000	781.9756

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	822.68	633.50	554.47	1,864,097	1,864,097
Total	822.68	633.50	554.47	1,864,097	1,864,097

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	10.00	5.00	6.50	64.90	16.10	19.00	73	25	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.551662	0.040953	0.203778	0.123762	0.021802	0.005583	0.018466	0.022043	0.002076	0.002280	0.006004	0.000618	0.000971

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	338.7420	338.7420	0.0166	3.4400e-003	340.1841
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	338.7420	338.7420	0.0166	3.4400e-003	340.1841
NaturalGas Mitigated	0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.2152	224.2152	4.3000e-003	4.1100e-003	225.5476
NaturalGas Unmitigated	0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.2152	224.2152	4.3000e-003	4.1100e-003	225.5476

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	4.20163e+006	0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.2152	224.2152	4.3000e-003	4.1100e-003	225.5476
Total		0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.2152	224.2152	4.3000e-003	4.1100e-003	225.5476

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					
Hospital	4.20163e+006	0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.2152	224.2152	4.3000e-003	4.1100e-003	225.5476
Total		0.0227	0.2060	0.1730	1.2400e-003		0.0157	0.0157		0.0157	0.0157	0.0000	224.2152	224.2152	4.3000e-003	4.1100e-003	225.5476

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	1.2651e+006	338.7420	0.0166	3.4400e-003	340.1841
Total		338.7420	0.0166	3.4400e-003	340.1841

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	1.2651e+006	338.7420	0.0166	3.4400e-003	340.1841
Total		338.7420	0.0166	3.4400e-003	340.1841

6.0 Area Detail**6.1 Mitigation Measures Area**

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2720	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003
Unmitigated	0.2720	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003

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	0.0288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003
Total	0.2720	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, 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	0.0288					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003
Total	0.2720	1.0000e-005	8.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.5400e-003	1.5400e-003	0.0000	0.0000	1.6500e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	14.5745	0.0101	6.1300e-003	16.6529
Unmitigated	14.5745	0.0101	6.1300e-003	16.6529

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	7.80865 / 1.48736	14.5745	0.0101	6.1300e-003	16.6529
Total		14.5745	0.0101	6.1300e-003	16.6529

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	7.80865 / 1.48736	14.5745	0.0101	6.1300e-003	16.6529
Total		14.5745	0.0101	6.1300e-003	16.6529

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	136.4262	8.0626	0.0000	337.9901
Unmitigated	136.4262	8.0626	0.0000	337.9901

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	672.08	136.4262	8.0626	0.0000	337.9901
Total		136.4262	8.0626	0.0000	337.9901

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	672.08	136.4262	8.0626	0.0000	337.9901
Total		136.4262	8.0626	0.0000	337.9901

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

Acute Rehabilitation Hospital
Sacramento Metropolitan AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	62.23	1000sqft	1.43	62,228.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2020
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Assumed construction phasing over a 20 month period

Trips and VMT -

Grading - Project site already graded

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	257.00
tblConstructionPhase	NumDays	200.00	257.00
tblConstructionPhase	NumDays	10.00	130.00
tblConstructionPhase	NumDays	2.00	44.00
tblGrading	AcresOfGrading	22.50	0.00
tblLandUse	LandUseSquareFeet	62,230.00	62,228.00

2.0 Emissions Summary

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4903	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Energy	0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216
Mobile	1.9253	6.2495	20.0397	0.0550	4.2976	0.0549	4.3525	1.1493	0.0516	1.2009		5,561.5626	5,561.5626	0.2741		5,568.4151
Total	3.5397	7.3781	20.9940	0.0618	4.2976	0.1407	4.4383	1.1493	0.1374	1.2867		6,915.8501	6,915.8501	0.3001	0.0248	6,930.7513

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	1.4903	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Energy	0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216
Mobile	1.9253	6.2495	20.0397	0.0550	4.2976	0.0549	4.3525	1.1493	0.0516	1.2009		5,561.5626	5,561.5626	0.2741		5,568.4151
Total	3.5397	7.3781	20.9940	0.0618	4.2976	0.1407	4.4383	1.1493	0.1374	1.2867		6,915.8501	6,915.8501	0.3001	0.0248	6,930.7513

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2019	6/1/2019	5	44	
2	Paving	Paving	6/2/2019	11/29/2019	5	130	
3	Building Construction	Building Construction	11/30/2019	11/24/2020	5	257	
4	Architectural Coating	Architectural Coating	11/30/2019	11/24/2020	5	257	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 93,342; Non-Residential Outdoor: 31,114; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	20.00	10.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3891	0.0000	5.3891	2.9623	0.0000	2.9623			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	1.7123	19.4821	7.8893	0.0172	5.3891	0.8824	6.2714	2.9623	0.8118	3.7740		1,704.9189	1,704.9189	0.5394		1,718.4044

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	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429
Total	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3891	0.0000	5.3891	2.9623	0.0000	2.9623			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	1.7123	19.4821	7.8893	0.0172	5.3891	0.8824	6.2714	2.9623	0.8118	3.7740	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044

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	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429
Total	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815		1,325.0953	1,325.0953	0.4112		1,335.3751
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815		1,325.0953	1,325.0953	0.4112		1,335.3751

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	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072
Total	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815	0.0000	1,325.0953	1,325.0953	0.4112		1,335.3751
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815	0.0000	1,325.0953	1,325.0953	0.4112		1,335.3751

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	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072
Total	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210

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	0.0473	1.1978	0.3576	2.5100e-003	0.0602	8.6400e-003	0.0688	0.0173	8.2700e-003	0.0256		265.2509	265.2509	0.0159		265.6494
Worker	0.0937	0.0515	0.7221	1.6500e-003	0.1521	1.0800e-003	0.1532	0.0404	1.0000e-003	0.0414		163.7283	163.7283	5.1500e-003		163.8572
Total	0.1410	1.2493	1.0798	4.1600e-003	0.2123	9.7200e-003	0.2221	0.0577	9.2700e-003	0.0670		428.9793	428.9793	0.0211		429.5066

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210

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	0.0473	1.1978	0.3576	2.5100e-003	0.0602	8.6400e-003	0.0688	0.0173	8.2700e-003	0.0256		265.2509	265.2509	0.0159		265.6494
Worker	0.0937	0.0515	0.7221	1.6500e-003	0.1521	1.0800e-003	0.1532	0.0404	1.0000e-003	0.0414		163.7283	163.7283	5.1500e-003		163.8572
Total	0.1410	1.2493	1.0798	4.1600e-003	0.2123	9.7200e-003	0.2221	0.0577	9.2700e-003	0.0670		428.9793	428.9793	0.0211		429.5066

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.0377	1.0980	0.2951	2.4900e-003	0.0602	5.7200e-003	0.0659	0.0173	5.4800e-003	0.0228		263.6554	263.6554	0.0149		264.0289
Worker	0.0862	0.0458	0.6530	1.5900e-003	0.1521	1.0600e-003	0.1532	0.0404	9.7000e-004	0.0413		158.7026	158.7026	4.5500e-003		158.8163
Total	0.1240	1.1438	0.9481	4.0800e-003	0.2123	6.7800e-003	0.2191	0.0577	6.4500e-003	0.0641		422.3580	422.3580	0.0195		422.8452

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.0377	1.0980	0.2951	2.4900e-003	0.0602	5.7200e-003	0.0659	0.0173	5.4800e-003	0.0228		263.6554	263.6554	0.0149		264.0289
Worker	0.0862	0.0458	0.6530	1.5900e-003	0.1521	1.0600e-003	0.1532	0.0404	9.7000e-004	0.0413		158.7026	158.7026	4.5500e-003		158.8163
Total	0.1240	1.1438	0.9481	4.0800e-003	0.2123	6.7800e-003	0.2191	0.0577	6.4500e-003	0.0641		422.3580	422.3580	0.0195		422.8452

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.2446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	2.5110	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714
Total	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.2446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	2.5110	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

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	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714
Total	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.2446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	2.4868	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633
Total	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.2446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	2.4868	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

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	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633
Total	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633

4.0 Operational Detail - Mobile

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.9253	6.2495	20.0397	0.0550	4.2976	0.0549	4.3525	1.1493	0.0516	1.2009		5,561.5626	5,561.5626	0.2741		5,568.4151
Unmitigated	1.9253	6.2495	20.0397	0.0550	4.2976	0.0549	4.3525	1.1493	0.0516	1.2009		5,561.5626	5,561.5626	0.2741		5,568.4151

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	822.68	633.50	554.47	1,864,097	1,864,097
Total	822.68	633.50	554.47	1,864,097	1,864,097

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	10.00	5.00	6.50	64.90	16.10	19.00	73	25	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.551662	0.040953	0.203778	0.123762	0.021802	0.005583	0.018466	0.022043	0.002076	0.002280	0.006004	0.000618	0.000971

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216
NaturalGas Unmitigated	0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	11511.3	0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216
Total		0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216

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					
Hospital	11.5113	0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216
Total		0.1241	1.1286	0.9480	6.7700e-003		0.0858	0.0858		0.0858	0.0858		1,354.2738	1,354.2738	0.0260	0.0248	1,362.3216

6.0 Area Detail

6.1 Mitigation Measures Area

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4903	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Unmitigated	1.4903	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.3317					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.0000e-004	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Total	1.4903	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1580					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.3317					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.0000e-004	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145
Total	1.4903	6.0000e-005	6.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0136	0.0136	4.0000e-005		0.0145

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Acute Rehabilitation Hospital - Sacramento Metropolitan AQMD Air District, Summer

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

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

Equipment Type	Number
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11.0 Vegetation

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

Area 3 - 2.0 FAR
Sacramento Metropolitan AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	542.76	1000sqft	12.46	542,757.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2022
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Assumed construction phasing over a 40 month period

Trips and VMT -

Grading - Project site already graded

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	515.00
tblConstructionPhase	NumDays	300.00	515.00
tblConstructionPhase	NumDays	20.00	257.00
tblConstructionPhase	NumDays	10.00	87.00
tblLandUse	LandUseSquareFeet	542,760.00	542,757.00

2.0 Emissions Summary

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					
2019	0.2743	2.8178	1.8081	3.0100e-003	0.7976	0.1490	0.9466	0.4351	0.1371	0.5722	0.0000	270.9689	270.9689	0.0827	0.0000	273.0355
2020	0.8598	2.8322	2.6682	5.5800e-003	0.1253	0.1293	0.2546	0.0340	0.1209	0.1549	0.0000	499.5594	499.5594	0.0908	0.0000	501.8287
2021	1.6825	3.7240	3.4081	8.6300e-003	0.2682	0.1421	0.4103	0.0729	0.1343	0.2072	0.0000	779.5764	779.5764	0.0953	0.0000	781.9588
2022	0.8832	1.8266	1.7697	4.5800e-003	0.1439	0.0646	0.2085	0.0391	0.0612	0.1003	0.0000	413.6463	413.6463	0.0503	0.0000	414.9041
Maximum	1.6825	3.7240	3.4081	8.6300e-003	0.7976	0.1490	0.9466	0.4351	0.1371	0.5722	0.0000	779.5764	779.5764	0.0953	0.0000	781.9588

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, 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					
2019	0.2743	2.8178	1.8081	3.0100e-003	0.7976	0.1490	0.9466	0.4351	0.1371	0.5722	0.0000	270.9686	270.9686	0.0827	0.0000	273.0352
2020	0.8598	2.8322	2.6682	5.5800e-003	0.1253	0.1293	0.2546	0.0340	0.1209	0.1549	0.0000	499.5590	499.5590	0.0908	0.0000	501.8283
2021	1.6825	3.7240	3.4081	8.6300e-003	0.2682	0.1421	0.4103	0.0729	0.1343	0.2072	0.0000	779.5760	779.5760	0.0953	0.0000	781.9584
2022	0.8832	1.8266	1.7697	4.5800e-003	0.1439	0.0646	0.2085	0.0391	0.0612	0.1003	0.0000	413.6461	413.6461	0.0503	0.0000	414.9039
Maximum	1.6825	3.7240	3.4081	8.6300e-003	0.7976	0.1490	0.9466	0.4351	0.1371	0.5722	0.0000	779.5760	779.5760	0.0953	0.0000	781.9584

	ROG	NOx	CO	SO2	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)
5	4-2-2019	7-1-2019	1.6262	1.6262
6	7-2-2019	10-1-2019	0.9083	0.9083
7	10-2-2019	1-1-2020	0.5519	0.5519
8	1-2-2020	4-1-2020	0.5045	0.5045
9	4-2-2020	7-1-2020	0.5044	0.5044
10	7-2-2020	10-1-2020	1.2032	1.2032
11	10-2-2020	1-1-2021	1.4691	1.4691
12	1-2-2021	4-1-2021	1.3347	1.3347

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

13	4-2-2021	7-1-2021	1.3432	1.3432
14	7-2-2021	10-1-2021	1.3580	1.3580
15	10-2-2021	1-1-2022	1.3635	1.3635
16	1-2-2022	4-1-2022	1.2469	1.2469
17	4-2-2022	7-1-2022	1.2553	1.2553
18	7-2-2022	9-30-2022	0.2207	0.2207
		Highest	1.6262	1.6262

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	2.3720	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Energy	0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	2,477.9690	2,477.9690	0.1104	0.0283	2,489.1574
Mobile	1.2373	5.1633	13.3074	0.0408	3.5026	0.0364	3.5390	0.9390	0.0341	0.9731	0.0000	3,754.5913	3,754.5913	0.1838	0.0000	3,759.1855
Waste						0.0000	0.0000		0.0000	0.0000	102.4638	0.0000	102.4638	6.0554	0.0000	253.8496
Water						0.0000	0.0000		0.0000	0.0000	34.1301	184.1097	218.2398	0.1265	0.0761	244.0785
Total	3.6476	5.5119	13.6071	0.0429	3.5026	0.0629	3.5655	0.9390	0.0606	0.9996	136.5938	6,416.6835	6,553.2773	6.4761	0.1044	6,746.2853

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3720	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Energy	0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	2,477.9690	2,477.9690	0.1104	0.0283	2,489.1574
Mobile	1.2373	5.1633	13.3074	0.0408	3.5026	0.0364	3.5390	0.9390	0.0341	0.9731	0.0000	3,754.5913	3,754.5913	0.1838	0.0000	3,759.1855
Waste						0.0000	0.0000		0.0000	0.0000	102.4638	0.0000	102.4638	6.0554	0.0000	253.8496
Water						0.0000	0.0000		0.0000	0.0000	34.1301	184.1097	218.2398	0.1265	0.0761	244.0785
Total	3.6476	5.5119	13.6071	0.0429	3.5026	0.0629	3.5655	0.9390	0.0606	0.9996	136.5938	6,416.6835	6,553.2773	6.4761	0.1044	6,746.2853

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

3.0 Construction Detail

Construction Phase

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2019	7/31/2019	5	87	
2	Paving	Paving	8/1/2019	7/26/2020	5	257	
3	Building Construction	Building Construction	7/27/2020	7/17/2022	5	515	
4	Architectural Coating	Architectural Coating	7/27/2020	7/17/2022	5	515	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 814,136; Non-Residential Outdoor: 271,379; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
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

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	174.00	89.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	35.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7859	0.0000	0.7859	0.4320	0.0000	0.4320	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1886	1.9824	0.9597	1.6500e-003		0.1040	0.1040		0.0957	0.0957	0.0000	148.6338	148.6338	0.0470	0.0000	149.8094
Total	0.1886	1.9824	0.9597	1.6500e-003	0.7859	0.1040	0.8899	0.4320	0.0957	0.5276	0.0000	148.6338	148.6338	0.0470	0.0000	149.8094

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	3.1700e-003	2.2200e-003	0.0240	6.0000e-005	5.7500e-003	4.0000e-005	5.7900e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.2569	5.2569	1.6000e-004	0.0000	5.2609
Total	3.1700e-003	2.2200e-003	0.0240	6.0000e-005	5.7500e-003	4.0000e-005	5.7900e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.2569	5.2569	1.6000e-004	0.0000	5.2609

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					0.7859	0.0000	0.7859	0.4320	0.0000	0.4320	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1886	1.9824	0.9597	1.6500e-003		0.1040	0.1040		0.0957	0.0957	0.0000	148.6336	148.6336	0.0470	0.0000	149.8093
Total	0.1886	1.9824	0.9597	1.6500e-003	0.7859	0.1040	0.8899	0.4320	0.0957	0.5276	0.0000	148.6336	148.6336	0.0470	0.0000	149.8093

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	3.1700e-003	2.2200e-003	0.0240	6.0000e-005	5.7500e-003	4.0000e-005	5.7900e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.2569	5.2569	1.6000e-004	0.0000	5.2609
Total	3.1700e-003	2.2200e-003	0.0240	6.0000e-005	5.7500e-003	4.0000e-005	5.7900e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.2569	5.2569	1.6000e-004	0.0000	5.2609

3.3 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0793	0.8308	0.7992	1.2400e-003		0.0449	0.0449		0.0413	0.0413	0.0000	111.5897	111.5897	0.0353	0.0000	112.4724
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0793	0.8308	0.7992	1.2400e-003		0.0449	0.0449		0.0413	0.0413	0.0000	111.5897	111.5897	0.0353	0.0000	112.4724

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	3.3100e-003	2.3200e-003	0.0251	6.0000e-005	6.0000e-003	4.0000e-005	6.0500e-003	1.6000e-003	4.0000e-005	1.6400e-003	0.0000	5.4885	5.4885	1.7000e-004	0.0000	5.4928
Total	3.3100e-003	2.3200e-003	0.0251	6.0000e-005	6.0000e-003	4.0000e-005	6.0500e-003	1.6000e-003	4.0000e-005	1.6400e-003	0.0000	5.4885	5.4885	1.7000e-004	0.0000	5.4928

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	0.0793	0.8308	0.7992	1.2400e-003		0.0449	0.0449		0.0413	0.0413	0.0000	111.5896	111.5896	0.0353	0.0000	112.4723
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0793	0.8308	0.7992	1.2400e-003		0.0449	0.0449		0.0413	0.0413	0.0000	111.5896	111.5896	0.0353	0.0000	112.4723

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	3.3100e-003	2.3200e-003	0.0251	6.0000e-005	6.0000e-003	4.0000e-005	6.0500e-003	1.6000e-003	4.0000e-005	1.6400e-003	0.0000	5.4885	5.4885	1.7000e-004	0.0000	5.4928
Total	3.3100e-003	2.3200e-003	0.0251	6.0000e-005	6.0000e-003	4.0000e-005	6.0500e-003	1.6000e-003	4.0000e-005	1.6400e-003	0.0000	5.4885	5.4885	1.7000e-004	0.0000	5.4928

3.3 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1004	1.0409	1.0843	1.6900e-003		0.0557	0.0557		0.0513	0.0513	0.0000	148.2088	148.2088	0.0479	0.0000	149.4072
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1004	1.0409	1.0843	1.6900e-003		0.0557	0.0557		0.0513	0.0513	0.0000	148.2088	148.2088	0.0479	0.0000	149.4072

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	4.1300e-003	2.8000e-003	0.0307	8.0000e-005	8.1500e-003	6.0000e-005	8.2100e-003	2.1700e-003	5.0000e-005	2.2200e-003	0.0000	7.2232	7.2232	2.0000e-004	0.0000	7.2283
Total	4.1300e-003	2.8000e-003	0.0307	8.0000e-005	8.1500e-003	6.0000e-005	8.2100e-003	2.1700e-003	5.0000e-005	2.2200e-003	0.0000	7.2232	7.2232	2.0000e-004	0.0000	7.2283

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	0.1004	1.0409	1.0843	1.6900e-003		0.0557	0.0557		0.0513	0.0513	0.0000	148.2087	148.2087	0.0479	0.0000	149.4070
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1004	1.0409	1.0843	1.6900e-003		0.0557	0.0557		0.0513	0.0513	0.0000	148.2087	148.2087	0.0479	0.0000	149.4070

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	4.1300e-003	2.8000e-003	0.0307	8.0000e-005	8.1500e-003	6.0000e-005	8.2100e-003	2.1700e-003	5.0000e-005	2.2200e-003	0.0000	7.2232	7.2232	2.0000e-004	0.0000	7.2283
Total	4.1300e-003	2.8000e-003	0.0307	8.0000e-005	8.1500e-003	6.0000e-005	8.2100e-003	2.1700e-003	5.0000e-005	2.2200e-003	0.0000	7.2232	7.2232	2.0000e-004	0.0000	7.2283

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1208	1.0936	0.9604	1.5300e-003		0.0637	0.0637		0.0599	0.0599	0.0000	132.0177	132.0177	0.0322	0.0000	132.8229
Total	0.1208	1.0936	0.9604	1.5300e-003		0.0637	0.0637		0.0599	0.0599	0.0000	132.0177	132.0177	0.0322	0.0000	132.8229

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0194	0.5689	0.1587	1.2500e-003	0.0297	2.9400e-003	0.0326	8.5700e-003	2.8200e-003	0.0114	0.0000	120.0340	120.0340	7.1100e-003	0.0000	120.2117
Worker	0.0369	0.0250	0.2745	7.1000e-004	0.0728	5.2000e-004	0.0734	0.0194	4.8000e-004	0.0199	0.0000	64.5400	64.5400	1.8200e-003	0.0000	64.5856
Total	0.0563	0.5940	0.4332	1.9600e-003	0.1025	3.4600e-003	0.1060	0.0279	3.3000e-003	0.0313	0.0000	184.5740	184.5740	8.9300e-003	0.0000	184.7973

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	0.1208	1.0936	0.9604	1.5300e-003		0.0637	0.0637		0.0599	0.0599	0.0000	132.0175	132.0175	0.0322	0.0000	132.8227
Total	0.1208	1.0936	0.9604	1.5300e-003		0.0637	0.0637		0.0599	0.0599	0.0000	132.0175	132.0175	0.0322	0.0000	132.8227

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0194	0.5689	0.1587	1.2500e-003	0.0297	2.9400e-003	0.0326	8.5700e-003	2.8200e-003	0.0114	0.0000	120.0340	120.0340	7.1100e-003	0.0000	120.2117
Worker	0.0369	0.0250	0.2745	7.1000e-004	0.0728	5.2000e-004	0.0734	0.0194	4.8000e-004	0.0199	0.0000	64.5400	64.5400	1.8200e-003	0.0000	64.5856
Total	0.0563	0.5940	0.4332	1.9600e-003	0.1025	3.4600e-003	0.1060	0.0279	3.3000e-003	0.0313	0.0000	184.5740	184.5740	8.9300e-003	0.0000	184.7973

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0365	1.1881	0.3176	2.8400e-003	0.0679	3.2800e-003	0.0712	0.0196	3.1400e-003	0.0228	0.0000	272.5280	272.5280	0.0156	0.0000	272.9175
Worker	0.0786	0.0514	0.5747	1.5800e-003	0.1668	1.1700e-003	0.1679	0.0444	1.0700e-003	0.0454	0.0000	142.7314	142.7314	3.7500e-003	0.0000	142.8251
Total	0.1152	1.2395	0.8923	4.4200e-003	0.2347	4.4500e-003	0.2391	0.0640	4.2100e-003	0.0682	0.0000	415.2594	415.2594	0.0193	0.0000	415.7426

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	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0365	1.1881	0.3176	2.8400e-003	0.0679	3.2800e-003	0.0712	0.0196	3.1400e-003	0.0228	0.0000	272.5280	272.5280	0.0156	0.0000	272.9175
Worker	0.0786	0.0514	0.5747	1.5800e-003	0.1668	1.1700e-003	0.1679	0.0444	1.0700e-003	0.0454	0.0000	142.7314	142.7314	3.7500e-003	0.0000	142.8251
Total	0.1152	1.2395	0.8923	4.4200e-003	0.2347	4.4500e-003	0.2391	0.0640	4.2100e-003	0.0682	0.0000	415.2594	415.2594	0.0193	0.0000	415.7426

3.4 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	0.1194	1.0931	1.1454	1.8900e-003		0.0566	0.0566		0.0533	0.0533	0.0000	162.2077	162.2077	0.0389	0.0000	163.1792
Total	0.1194	1.0931	1.1454	1.8900e-003		0.0566	0.0566		0.0533	0.0533	0.0000	162.2077	162.2077	0.0389	0.0000	163.1792

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 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	0.0182	0.6051	0.1571	1.5100e-003	0.0364	1.5400e-003	0.0380	0.0105	1.4800e-003	0.0120	0.0000	144.8986	144.8986	8.1200e-003	0.0000	145.1016
Worker	0.0394	0.0248	0.2833	8.2000e-004	0.0895	6.1000e-004	0.0901	0.0238	5.6000e-004	0.0244	0.0000	73.8186	73.8186	1.8100e-003	0.0000	73.8638
Total	0.0576	0.6299	0.4403	2.3300e-003	0.1259	2.1500e-003	0.1280	0.0343	2.0400e-003	0.0364	0.0000	218.7173	218.7173	9.9300e-003	0.0000	218.9654

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	0.1194	1.0931	1.1454	1.8900e-003		0.0566	0.0566		0.0533	0.0533	0.0000	162.2075	162.2075	0.0389	0.0000	163.1790
Total	0.1194	1.0931	1.1454	1.8900e-003		0.0566	0.0566		0.0533	0.0533	0.0000	162.2075	162.2075	0.0389	0.0000	163.1790

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 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	0.0182	0.6051	0.1571	1.5100e-003	0.0364	1.5400e-003	0.0380	0.0105	1.4800e-003	0.0120	0.0000	144.8986	144.8986	8.1200e-003	0.0000	145.1016
Worker	0.0394	0.0248	0.2833	8.2000e-004	0.0895	6.1000e-004	0.0901	0.0238	5.6000e-004	0.0244	0.0000	73.8186	73.8186	1.8100e-003	0.0000	73.8638
Total	0.0576	0.6299	0.4403	2.3300e-003	0.1259	2.1500e-003	0.1280	0.0343	2.0400e-003	0.0364	0.0000	218.7173	218.7173	9.9300e-003	0.0000	218.9654

3.5 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0138	0.0960	0.1044	1.7000e-004		6.3200e-003	6.3200e-003		6.3200e-003	6.3200e-003	0.0000	14.5536	14.5536	1.1300e-003	0.0000	14.5817
Total	0.5707	0.0960	0.1044	1.7000e-004		6.3200e-003	6.3200e-003		6.3200e-003	6.3200e-003	0.0000	14.5536	14.5536	1.1300e-003	0.0000	14.5817

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	7.4300e-003	5.0400e-003	0.0552	1.4000e-004	0.0147	1.1000e-004	0.0148	3.9000e-003	1.0000e-004	3.9900e-003	0.0000	12.9822	12.9822	3.7000e-004	0.0000	12.9914
Total	7.4300e-003	5.0400e-003	0.0552	1.4000e-004	0.0147	1.1000e-004	0.0148	3.9000e-003	1.0000e-004	3.9900e-003	0.0000	12.9822	12.9822	3.7000e-004	0.0000	12.9914

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0138	0.0960	0.1044	1.7000e-004		6.3200e-003	6.3200e-003		6.3200e-003	6.3200e-003	0.0000	14.5535	14.5535	1.1300e-003	0.0000	14.5817
Total	0.5707	0.0960	0.1044	1.7000e-004		6.3200e-003	6.3200e-003		6.3200e-003	6.3200e-003	0.0000	14.5535	14.5535	1.1300e-003	0.0000	14.5817

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	7.4300e-003	5.0400e-003	0.0552	1.4000e-004	0.0147	1.1000e-004	0.0148	3.9000e-003	1.0000e-004	3.9900e-003	0.0000	12.9822	12.9822	3.7000e-004	0.0000	12.9914
Total	7.4300e-003	5.0400e-003	0.0552	1.4000e-004	0.0147	1.1000e-004	0.0148	3.9000e-003	1.0000e-004	3.9900e-003	0.0000	12.9822	12.9822	3.7000e-004	0.0000	12.9914

3.5 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2749					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771
Total	1.3035	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0158	0.0103	0.1156	3.2000e-004	0.0336	2.3000e-004	0.0338	8.9200e-003	2.2000e-004	9.1400e-003	0.0000	28.7104	28.7104	7.5000e-004	0.0000	28.7292
Total	0.0158	0.0103	0.1156	3.2000e-004	0.0336	2.3000e-004	0.0338	8.9200e-003	2.2000e-004	9.1400e-003	0.0000	28.7104	28.7104	7.5000e-004	0.0000	28.7292

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	1.2749					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771
Total	1.3035	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0158	0.0103	0.1156	3.2000e-004	0.0336	2.3000e-004	0.0338	8.9200e-003	2.2000e-004	9.1400e-003	0.0000	28.7104	28.7104	7.5000e-004	0.0000	28.7292
Total	0.0158	0.0103	0.1156	3.2000e-004	0.0336	2.3000e-004	0.0338	8.9200e-003	2.2000e-004	9.1400e-003	0.0000	28.7104	28.7104	7.5000e-004	0.0000	28.7292

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6839					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0143	0.0986	0.1270	2.1000e-004		5.7200e-003	5.7200e-003		5.7200e-003	5.7200e-003	0.0000	17.8728	17.8728	1.1600e-003	0.0000	17.9019
Total	0.6982	0.0986	0.1270	2.1000e-004		5.7200e-003	5.7200e-003		5.7200e-003	5.7200e-003	0.0000	17.8728	17.8728	1.1600e-003	0.0000	17.9019

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9300e-003	4.9800e-003	0.0570	1.6000e-004	0.0180	1.2000e-004	0.0181	4.7900e-003	1.1000e-004	4.9000e-003	0.0000	14.8486	14.8486	3.6000e-004	0.0000	14.8577
Total	7.9300e-003	4.9800e-003	0.0570	1.6000e-004	0.0180	1.2000e-004	0.0181	4.7900e-003	1.1000e-004	4.9000e-003	0.0000	14.8486	14.8486	3.6000e-004	0.0000	14.8577

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6839					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0143	0.0986	0.1270	2.1000e-004		5.7200e-003	5.7200e-003		5.7200e-003	5.7200e-003	0.0000	17.8728	17.8728	1.1600e-003	0.0000	17.9019
Total	0.6982	0.0986	0.1270	2.1000e-004		5.7200e-003	5.7200e-003		5.7200e-003	5.7200e-003	0.0000	17.8728	17.8728	1.1600e-003	0.0000	17.9019

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9300e-003	4.9800e-003	0.0570	1.6000e-004	0.0180	1.2000e-004	0.0181	4.7900e-003	1.1000e-004	4.9000e-003	0.0000	14.8486	14.8486	3.6000e-004	0.0000	14.8577
Total	7.9300e-003	4.9800e-003	0.0570	1.6000e-004	0.0180	1.2000e-004	0.0181	4.7900e-003	1.1000e-004	4.9000e-003	0.0000	14.8486	14.8486	3.6000e-004	0.0000	14.8577

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2373	5.1633	13.3074	0.0408	3.5026	0.0364	3.5390	0.9390	0.0341	0.9731	0.0000	3,754.5913	3,754.5913	0.1838	0.0000	3,759.1855
Unmitigated	1.2373	5.1633	13.3074	0.0408	3.5026	0.0364	3.5390	0.9390	0.0341	0.9731	0.0000	3,754.5913	3,754.5913	0.1838	0.0000	3,759.1855

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	5,986.64	1,335.19	569.90	9,392,772	9,392,772
Total	5,986.64	1,335.19	569.90	9,392,772	9,392,772

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.559527	0.038733	0.206173	0.118029	0.019040	0.005245	0.018552	0.023249	0.002031	0.002054	0.005884	0.000619	0.000865

5.0 Energy Detail

Historical Energy Use: N

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,098.5461	2,098.5461	0.1031	0.0213	2,107.4798
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,098.5461	2,098.5461	0.1031	0.0213	2,107.4798
NaturalGas Mitigated	0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4229	379.4229	7.2700e-003	6.9600e-003	381.6776
NaturalGas Unmitigated	0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4229	379.4229	7.2700e-003	6.9600e-003	381.6776

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					
General Office Building	7.11012e+006	0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4229	379.4229	7.2700e-003	6.9600e-003	381.6776
Total		0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4229	379.4229	7.2700e-003	6.9600e-003	381.6776

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas 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					
General Office Building	7.11012e+006	0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4229	379.4229	7.2700e-003	6.9600e-003	381.6776
Total		0.0383	0.3485	0.2928	2.0900e-003		0.0265	0.0265		0.0265	0.0265	0.0000	379.4229	379.4229	7.2700e-003	6.9600e-003	381.6776

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	7.83741e+006	2,098.5461	0.1031	0.0213	2,107.4798
Total		2,098.5461	0.1031	0.0213	2,107.4798

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	7.83741e+006	2,098.5461	0.1031	0.0213	2,107.4798
Total		2,098.5461	0.1031	0.0213	2,107.4798

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3720	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Unmitigated	2.3720	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2516					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1197					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Total	2.3720	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144

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	0.2516					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1197					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Total	2.3720	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144

7.0 Water Detail

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	218.2398	0.1265	0.0761	244.0785
Unmitigated	218.2398	0.1265	0.0761	244.0785

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	96.4668 / 59.1248	218.2398	0.1265	0.0761	244.0785
Total		218.2398	0.1265	0.0761	244.0785

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	96.4668 / 59.1248	218.2398	0.1265	0.0761	244.0785
Total		218.2398	0.1265	0.0761	244.0785

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	102.4638	6.0554	0.0000	253.8496
Unmitigated	102.4638	6.0554	0.0000	253.8496

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	504.77	102.4638	6.0554	0.0000	253.8496
Total		102.4638	6.0554	0.0000	253.8496

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	504.77	102.4638	6.0554	0.0000	253.8496
Total		102.4638	6.0554	0.0000	253.8496

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

Area 3 - 2.0 FAR
Sacramento Metropolitan AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	542.76	1000sqft	12.46	542,757.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2022
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Assumed construction phasing over a 40 month period

Trips and VMT -

Grading - Project site already graded

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	515.00
tblConstructionPhase	NumDays	300.00	515.00
tblConstructionPhase	NumDays	20.00	257.00
tblConstructionPhase	NumDays	10.00	87.00
tblLandUse	LandUseSquareFeet	542,760.00	542,757.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4194	45.6191	22.7129	0.0395	18.2032	2.3913	20.5945	9.9670	2.2000	12.1670	0.0000	3,913.8084	3,913.8084	1.1963	0.0000	3,943.7160
2020	13.3685	31.1207	28.1304	0.0687	2.1255	1.2900	3.4155	0.5759	1.2202	1.7960	0.0000	6,839.4865	6,839.4865	0.8251	0.0000	6,860.1146
2021	13.0022	28.3269	26.9277	0.0679	2.1254	1.0880	3.2134	0.5758	1.0287	1.6045	0.0000	6,763.9065	6,763.9065	0.8051	0.0000	6,784.0351
2022	12.7175	25.9084	26.0381	0.0672	2.1253	0.9227	3.0480	0.5758	0.8730	1.4489	0.0000	6,687.1267	6,687.1267	0.7921	0.0000	6,706.9293
Maximum	13.3685	45.6191	28.1304	0.0687	18.2032	2.3913	20.5945	9.9670	2.2000	12.1670	0.0000	6,839.4865	6,839.4865	1.1963	0.0000	6,860.1146

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.9986	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266
Energy	0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565
Mobile	11.4290	36.0193	106.8387	0.3195	26.2227	0.2618	26.4845	7.0100	0.2449	7.2549		32,351.0841	32,351.0841	1.4969		32,388.5073
Total	24.6377	37.9296	108.4984	0.3310	26.2227	0.4072	26.6299	7.0100	0.3902	7.4002		34,642.9407	34,642.9407	1.5412	0.0420	34,693.9904

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	12.9986	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266
Energy	0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565
Mobile	11.4290	36.0193	106.8387	0.3195	26.2227	0.2618	26.4845	7.0100	0.2449	7.2549		32,351.0841	32,351.0841	1.4969		32,388.5073
Total	24.6377	37.9296	108.4984	0.3310	26.2227	0.4072	26.6299	7.0100	0.3902	7.4002		34,642.9407	34,642.9407	1.5412	0.0420	34,693.9904

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2019	7/31/2019	5	87	
2	Paving	Paving	8/1/2019	7/26/2020	5	257	
3	Building Construction	Building Construction	7/27/2020	7/17/2022	5	515	
4	Architectural Coating	Architectural Coating	7/27/2020	7/17/2022	5	515	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 814,136; Non-Residential Outdoor: 271,379; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
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

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	174.00	89.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	35.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

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	0.0843	0.0463	0.6499	1.4800e-003	0.1369	9.8000e-004	0.1379	0.0363	9.0000e-004	0.0372		147.3555	147.3555	4.6400e-003		147.4714
Total	0.0843	0.0463	0.6499	1.4800e-003	0.1369	9.8000e-004	0.1379	0.0363	9.0000e-004	0.0372		147.3555	147.3555	4.6400e-003		147.4714

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

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	0.0843	0.0463	0.6499	1.4800e-003	0.1369	9.8000e-004	0.1379	0.0363	9.0000e-004	0.0372		147.3555	147.3555	4.6400e-003		147.4714
Total	0.0843	0.0463	0.6499	1.4800e-003	0.1369	9.8000e-004	0.1379	0.0363	9.0000e-004	0.0372		147.3555	147.3555	4.6400e-003		147.4714

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141		2,274.8548

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	0.0703	0.0386	0.5416	1.2300e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		122.7963	122.7963	3.8600e-003		122.8929
Total	0.0703	0.0386	0.5416	1.2300e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		122.7963	122.7963	3.8600e-003		122.8929

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548

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	0.0703	0.0386	0.5416	1.2300e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		122.7963	122.7963	3.8600e-003		122.8929
Total	0.0703	0.0386	0.5416	1.2300e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		122.7963	122.7963	3.8600e-003		122.8929

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841

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	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
Total	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841

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	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
Total	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.3356	9.7726	2.6266	0.0222	0.5356	0.0509	0.5866	0.1541	0.0487	0.2029		2,346.533 3	2,346.533 3	0.1330		2,349.857 4
Worker	0.7503	0.3982	5.6811	0.0139	1.3236	9.2000e-003	1.3328	0.3511	8.4800e-003	0.3596		1,380.712 6	1,380.712 6	0.0396		1,381.701 5
Total	1.0859	10.1707	8.3077	0.0360	1.8592	0.0601	1.9194	0.5052	0.0572	0.5624		3,727.245 8	3,727.245 8	0.1725		3,731.558 9

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.3356	9.7726	2.6266	0.0222	0.5356	0.0509	0.5866	0.1541	0.0487	0.2029		2,346.533 3	2,346.533 3	0.1330		2,349.857 4
Worker	0.7503	0.3982	5.6811	0.0139	1.3236	9.2000e-003	1.3328	0.3511	8.4800e-003	0.3596		1,380.712 6	1,380.712 6	0.0396		1,381.701 5
Total	1.0859	10.1707	8.3077	0.0360	1.8592	0.0601	1.9194	0.5052	0.0572	0.5624		3,727.245 8	3,727.245 8	0.1725		3,731.558 9

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

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	0.2750	8.9392	2.2826	0.0220	0.5355	0.0245	0.5601	0.1541	0.0235	0.1776		2,327.1534	2,327.1534	0.1272		2,330.3331
Worker	0.6974	0.3570	5.2053	0.0134	1.3236	8.9300e-003	1.3326	0.3511	8.2300e-003	0.3593		1,333.6735	1,333.6735	0.0355		1,334.5607
Total	0.9724	9.2962	7.4879	0.0354	1.8592	0.0335	1.8926	0.5052	0.0317	0.5369		3,660.8269	3,660.8269	0.1627		3,664.8938

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

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	0.2750	8.9392	2.2826	0.0220	0.5355	0.0245	0.5601	0.1541	0.0235	0.1776		2,327.1534	2,327.1534	0.1272		2,330.3331
Worker	0.6974	0.3570	5.2053	0.0134	1.3236	8.9300e-003	1.3326	0.3511	8.2300e-003	0.3593		1,333.6735	1,333.6735	0.0355		1,334.5607
Total	0.9724	9.2962	7.4879	0.0354	1.8592	0.0335	1.8926	0.5052	0.0317	0.5369		3,660.8269	3,660.8269	0.1627		3,664.8938

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 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
Total	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

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	0.2552	8.4986	2.1032	0.0218	0.5355	0.0215	0.5570	0.1541	0.0205	0.1746		2,306.8534	2,306.8534	0.1235		2,309.9414
Worker	0.6509	0.3211	4.7937	0.0129	1.3236	8.7000e-003	1.3323	0.3511	8.0200e-003	0.3591		1,285.8448	1,285.8448	0.0319		1,286.6422
Total	0.9061	8.8197	6.8968	0.0347	1.8591	0.0302	1.8893	0.5052	0.0286	0.5337		3,592.6981	3,592.6981	0.1554		3,596.5836

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	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
Total	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

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	0.2552	8.4986	2.1032	0.0218	0.5355	0.0215	0.5570	0.1541	0.0205	0.1746		2,306.8534	2,306.8534	0.1235		2,309.9414
Worker	0.6509	0.3211	4.7937	0.0129	1.3236	8.7000e-003	1.3323	0.3511	8.0200e-003	0.3591		1,285.8448	1,285.8448	0.0319		1,286.6422
Total	0.9061	8.8197	6.8968	0.0347	1.8591	0.0302	1.8893	0.5052	0.0286	0.5337		3,592.6981	3,592.6981	0.1554		3,596.5836

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.7696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	10.0118	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.1509	0.0801	1.1428	2.7900e-003	0.2662	1.8500e-003	0.2681	0.0706	1.7100e-003	0.0723		277.7295	277.7295	7.9600e-003		277.9285
Total	0.1509	0.0801	1.1428	2.7900e-003	0.2662	1.8500e-003	0.2681	0.0706	1.7100e-003	0.0723		277.7295	277.7295	7.9600e-003		277.9285

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.7696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	10.0118	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

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	0.1509	0.0801	1.1428	2.7900e-003	0.2662	1.8500e-003	0.2681	0.0706	1.7100e-003	0.0723		277.7295	277.7295	7.9600e-003		277.9285
Total	0.1509	0.0801	1.1428	2.7900e-003	0.2662	1.8500e-003	0.2681	0.0706	1.7100e-003	0.0723		277.7295	277.7295	7.9600e-003		277.9285

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.7696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	9.9885	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.1403	0.0718	1.0470	2.6900e-003	0.2662	1.8000e-003	0.2680	0.0706	1.6600e-003	0.0723		268.2677	268.2677	7.1400e-003		268.4461
Total	0.1403	0.0718	1.0470	2.6900e-003	0.2662	1.8000e-003	0.2680	0.0706	1.6600e-003	0.0723		268.2677	268.2677	7.1400e-003		268.4461

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.7696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	9.9885	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.1403	0.0718	1.0470	2.6900e-003	0.2662	1.8000e-003	0.2680	0.0706	1.6600e-003	0.0723		268.2677	268.2677	7.1400e-003		268.4461
Total	0.1403	0.0718	1.0470	2.6900e-003	0.2662	1.8000e-003	0.2680	0.0706	1.6600e-003	0.0723		268.2677	268.2677	7.1400e-003		268.4461

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.7696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	9.9742	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.1309	0.0646	0.9643	2.6000e-003	0.2662	1.7500e-003	0.2680	0.0706	1.6100e-003	0.0722		258.6469	258.6469	6.4200e-003		258.8074
Total	0.1309	0.0646	0.9643	2.6000e-003	0.2662	1.7500e-003	0.2680	0.0706	1.6100e-003	0.0722		258.6469	258.6469	6.4200e-003		258.8074

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.7696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	9.9742	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.1309	0.0646	0.9643	2.6000e-003	0.2662	1.7500e-003	0.2680	0.0706	1.6100e-003	0.0722		258.6469	258.6469	6.4200e-003		258.8074
Total	0.1309	0.0646	0.9643	2.6000e-003	0.2662	1.7500e-003	0.2680	0.0706	1.6100e-003	0.0722		258.6469	258.6469	6.4200e-003		258.8074

4.0 Operational Detail - Mobile

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.4290	36.0193	106.8387	0.3195	26.2227	0.2618	26.4845	7.0100	0.2449	7.2549		32,351.08 41	32,351.08 41	1.4969		32,388.50 73
Unmitigated	11.4290	36.0193	106.8387	0.3195	26.2227	0.2618	26.4845	7.0100	0.2449	7.2549		32,351.08 41	32,351.08 41	1.4969		32,388.50 73

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	5,986.64	1,335.19	569.90	9,392,772	9,392,772
Total	5,986.64	1,335.19	569.90	9,392,772	9,392,772

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.559527	0.038733	0.206173	0.118029	0.019040	0.005245	0.018552	0.023249	0.002031	0.002054	0.005884	0.000619	0.000865

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565
NaturalGas Unmitigated	0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	19479.8	0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565
Total		0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565

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					
General Office Building	19.4798	0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565
Total		0.2101	1.9098	1.6042	0.0115		0.1451	0.1451		0.1451	0.1451		2,291.7379	2,291.7379	0.0439	0.0420	2,305.3565

6.0 Area Detail

6.1 Mitigation Measures Area

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.9986	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266
Unmitigated	12.9986	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.3785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.6150					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.1600e-003	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266
Total	12.9986	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.3785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.6150					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.1600e-003	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266
Total	12.9986	5.1000e-004	0.0555	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1188	0.1188	3.1000e-004		0.1266

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Area 3 - 2.0 FAR - Sacramento Metropolitan AQMD Air District, Summer

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

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

Equipment Type	Number
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11.0 Vegetation

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

Area 3 - 0.25 FAR
Sacramento Metropolitan AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	67.84	1000sqft	1.56	67,844.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2020
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Assumed construction phasing over a 21 month period

Trips and VMT -

Grading - Project site already graded

Vehicle Emission Factors -

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	271.00
tblConstructionPhase	NumDays	200.00	271.00
tblConstructionPhase	NumDays	10.00	136.00
tblConstructionPhase	NumDays	2.00	46.00
tblGrading	AcresOfGrading	23.00	0.00
tblLandUse	LandUseSquareFeet	67,840.00	67,844.00

2.0 Emissions Summary

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	4-2-2019	7-1-2019	0.5911	0.5911
6	7-2-2019	10-1-2019	0.3342	0.3342
7	10-2-2019	1-1-2020	0.4495	0.4495
8	1-2-2020	4-1-2020	0.7318	0.7318
9	4-2-2020	7-1-2020	0.7308	0.7308
10	7-2-2020	9-30-2020	0.7308	0.7308
		Highest	0.7318	0.7318

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2965	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003
Energy	4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	309.7433	309.7433	0.0138	3.5400e-003	311.1418
Mobile	0.1818	0.7423	1.9808	5.4200e-003	0.4381	5.9400e-003	0.4440	0.1175	5.5800e-003	0.1231	0.0000	497.4681	497.4681	0.0265	0.0000	498.1306
Waste						0.0000	0.0000		0.0000	0.0000	12.8067	0.0000	12.8067	0.7569	0.0000	31.7281
Water						0.0000	0.0000		0.0000	0.0000	4.2660	23.0120	27.2780	0.0158	9.5100e-003	30.5076
Total	0.4831	0.7858	2.0183	5.6800e-003	0.4381	9.2500e-003	0.4473	0.1175	8.8900e-003	0.1264	17.0727	830.2250	847.2977	0.8130	0.0131	871.5099

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2965	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003
Energy	4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	309.7433	309.7433	0.0138	3.5400e-003	311.1418
Mobile	0.1818	0.7423	1.9808	5.4200e-003	0.4381	5.9400e-003	0.4440	0.1175	5.5800e-003	0.1231	0.0000	497.4681	497.4681	0.0265	0.0000	498.1306
Waste						0.0000	0.0000		0.0000	0.0000	12.8067	0.0000	12.8067	0.7569	0.0000	31.7281
Water						0.0000	0.0000		0.0000	0.0000	4.2660	23.0120	27.2780	0.0158	9.5100e-003	30.5076
Total	0.4831	0.7858	2.0183	5.6800e-003	0.4381	9.2500e-003	0.4473	0.1175	8.8900e-003	0.1264	17.0727	830.2250	847.2977	0.8130	0.0131	871.5099

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

3.0 Construction Detail

Construction Phase

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2019	6/4/2019	5	46	
2	Paving	Paving	6/3/2019	12/9/2019	5	136	
3	Building Construction	Building Construction	12/10/2019	12/22/2020	5	271	
4	Architectural Coating	Architectural Coating	12/10/2019	12/22/2020	5	271	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 101,766; Non-Residential Outdoor: 33,922; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	22.00	11.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1212	0.0000	0.1212	0.0666	0.0000	0.0666	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0394	0.4481	0.1815	4.0000e-004		0.0203	0.0203		0.0187	0.0187	0.0000	35.5736	35.5736	0.0113	0.0000	35.8549
Total	0.0394	0.4481	0.1815	4.0000e-004	0.1212	0.0203	0.1415	0.0666	0.0187	0.0853	0.0000	35.5736	35.5736	0.0113	0.0000	35.8549

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	7.4000e-004	5.2000e-004	5.6500e-003	1.0000e-005	1.3500e-003	1.0000e-005	1.3600e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2353	1.2353	4.0000e-005	0.0000	1.2363
Total	7.4000e-004	5.2000e-004	5.6500e-003	1.0000e-005	1.3500e-003	1.0000e-005	1.3600e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2353	1.2353	4.0000e-005	0.0000	1.2363

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1212	0.0000	0.1212	0.0666	0.0000	0.0666	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0394	0.4481	0.1815	4.0000e-004		0.0203	0.0203		0.0187	0.0187	0.0000	35.5735	35.5735	0.0113	0.0000	35.8549
Total	0.0394	0.4481	0.1815	4.0000e-004	0.1212	0.0203	0.1415	0.0666	0.0187	0.0853	0.0000	35.5735	35.5735	0.0113	0.0000	35.8549

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	7.4000e-004	5.2000e-004	5.6500e-003	1.0000e-005	1.3500e-003	1.0000e-005	1.3600e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2353	1.2353	4.0000e-005	0.0000	1.2363
Total	7.4000e-004	5.2000e-004	5.6500e-003	1.0000e-005	1.3500e-003	1.0000e-005	1.3600e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2353	1.2353	4.0000e-005	0.0000	1.2363

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0615	0.6239	0.6054	9.2000e-004		0.0355	0.0355		0.0327	0.0327	0.0000	81.7432	81.7432	0.0254	0.0000	82.3774
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0615	0.6239	0.6054	9.2000e-004		0.0355	0.0355		0.0327	0.0327	0.0000	81.7432	81.7432	0.0254	0.0000	82.3774

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	3.5700e-003	2.5100e-003	0.0271	7.0000e-005	6.4900e-003	5.0000e-005	6.5400e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.9350	5.9350	1.8000e-004	0.0000	5.9396
Total	3.5700e-003	2.5100e-003	0.0271	7.0000e-005	6.4900e-003	5.0000e-005	6.5400e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.9350	5.9350	1.8000e-004	0.0000	5.9396

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.3 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0615	0.6239	0.6054	9.2000e-004		0.0355	0.0355		0.0327	0.0327	0.0000	81.7431	81.7431	0.0254	0.0000	82.3773
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0615	0.6239	0.6054	9.2000e-004		0.0355	0.0355		0.0327	0.0327	0.0000	81.7431	81.7431	0.0254	0.0000	82.3773

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	3.5700e-003	2.5100e-003	0.0271	7.0000e-005	6.4900e-003	5.0000e-005	6.5400e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.9350	5.9350	1.8000e-004	0.0000	5.9396
Total	3.5700e-003	2.5100e-003	0.0271	7.0000e-005	6.4900e-003	5.0000e-005	6.5400e-003	1.7300e-003	4.0000e-005	1.7700e-003	0.0000	5.9350	5.9350	1.8000e-004	0.0000	5.9396

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0182	0.1278	0.1079	1.8000e-004		7.3300e-003	7.3300e-003		7.0800e-003	7.0800e-003	0.0000	14.6458	14.6458	2.8200e-003	0.0000	14.7161
Total	0.0182	0.1278	0.1079	1.8000e-004		7.3300e-003	7.3300e-003		7.0800e-003	7.0800e-003	0.0000	14.6458	14.6458	2.8200e-003	0.0000	14.7161

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	4.2000e-004	0.0108	3.3000e-003	2.0000e-005	5.1000e-004	8.0000e-005	5.9000e-004	1.5000e-004	7.0000e-005	2.2000e-004	0.0000	2.0952	2.0952	1.3000e-004	0.0000	2.0985
Worker	7.1000e-004	5.0000e-004	5.4000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1816	1.1816	4.0000e-005	0.0000	1.1825
Total	1.1300e-003	0.0113	8.7000e-003	3.0000e-005	1.8000e-003	9.0000e-005	1.8900e-003	4.9000e-004	8.0000e-005	5.7000e-004	0.0000	3.2768	3.2768	1.7000e-004	0.0000	3.2810

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0182	0.1278	0.1079	1.8000e-004		7.3300e-003	7.3300e-003		7.0800e-003	7.0800e-003	0.0000	14.6457	14.6457	2.8200e-003	0.0000	14.7161
Total	0.0182	0.1278	0.1079	1.8000e-004		7.3300e-003	7.3300e-003		7.0800e-003	7.0800e-003	0.0000	14.6457	14.6457	2.8200e-003	0.0000	14.7161

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	4.2000e-004	0.0108	3.3000e-003	2.0000e-005	5.1000e-004	8.0000e-005	5.9000e-004	1.5000e-004	7.0000e-005	2.2000e-004	0.0000	2.0952	2.0952	1.3000e-004	0.0000	2.0985
Worker	7.1000e-004	5.0000e-004	5.4000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.1816	1.1816	4.0000e-005	0.0000	1.1825
Total	1.1300e-003	0.0113	8.7000e-003	3.0000e-005	1.8000e-003	9.0000e-005	1.8900e-003	4.9000e-004	8.0000e-005	5.7000e-004	0.0000	3.2768	3.2768	1.7000e-004	0.0000	3.2810

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2589	1.8855	1.6815	2.8100e-003		0.1015	0.1015		0.0980	0.0980	0.0000	231.4662	231.4662	0.0430	0.0000	232.5404
Total	0.2589	1.8855	1.6815	2.8100e-003		0.1015	0.1015		0.0980	0.0980	0.0000	231.4662	231.4662	0.0430	0.0000	232.5404

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	5.3700e-003	0.1573	0.0439	3.5000e-004	8.2000e-003	8.1000e-004	9.0200e-003	2.3700e-003	7.8000e-004	3.1500e-003	0.0000	33.1850	33.1850	1.9600e-003	0.0000	33.2342
Worker	0.0104	7.0800e-003	0.0776	2.0000e-004	0.0206	1.5000e-004	0.0208	5.4800e-003	1.4000e-004	5.6200e-003	0.0000	18.2531	18.2531	5.2000e-004	0.0000	18.2661
Total	0.0158	0.1644	0.1215	5.5000e-004	0.0288	9.6000e-004	0.0298	7.8500e-003	9.2000e-004	8.7700e-003	0.0000	51.4382	51.4382	2.4800e-003	0.0000	51.5002

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.4 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2589	1.8855	1.6815	2.8100e-003		0.1015	0.1015		0.0980	0.0980	0.0000	231.4660	231.4660	0.0430	0.0000	232.5402
Total	0.2589	1.8855	1.6815	2.8100e-003		0.1015	0.1015		0.0980	0.0980	0.0000	231.4660	231.4660	0.0430	0.0000	232.5402

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	5.3700e-003	0.1573	0.0439	3.5000e-004	8.2000e-003	8.1000e-004	9.0200e-003	2.3700e-003	7.8000e-004	3.1500e-003	0.0000	33.1850	33.1850	1.9600e-003	0.0000	33.2342
Worker	0.0104	7.0800e-003	0.0776	2.0000e-004	0.0206	1.5000e-004	0.0208	5.4800e-003	1.4000e-004	5.6200e-003	0.0000	18.2531	18.2531	5.2000e-004	0.0000	18.2661
Total	0.0158	0.1644	0.1215	5.5000e-004	0.0288	9.6000e-004	0.0298	7.8500e-003	9.2000e-004	8.7700e-003	0.0000	51.4382	51.4382	2.4800e-003	0.0000	51.5002

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0186					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1300e-003	0.0147	0.0147	2.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	2.0426	2.0426	1.7000e-004	0.0000	2.0469
Total	0.0207	0.0147	0.0147	2.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	2.0426	2.0426	1.7000e-004	0.0000	2.0469

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.8000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150
Total	1.3000e-004	9.0000e-005	9.8000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0186					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1300e-003	0.0147	0.0147	2.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	2.0426	2.0426	1.7000e-004	0.0000	2.0469
Total	0.0207	0.0147	0.0147	2.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	2.0426	2.0426	1.7000e-004	0.0000	2.0469

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.8000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150
Total	1.3000e-004	9.0000e-005	9.8000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2148	0.2148	1.0000e-005	0.0000	0.2150

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2959					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0309	0.2147	0.2335	3.8000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	32.5540	32.5540	2.5200e-003	0.0000	32.6170
Total	0.3268	0.2147	0.2335	3.8000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	32.5540	32.5540	2.5200e-003	0.0000	32.6170

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	1.9000e-003	1.2900e-003	0.0141	4.0000e-005	3.7500e-003	3.0000e-005	3.7700e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.3188	3.3188	9.0000e-005	0.0000	3.3211
Total	1.9000e-003	1.2900e-003	0.0141	4.0000e-005	3.7500e-003	3.0000e-005	3.7700e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.3188	3.3188	9.0000e-005	0.0000	3.3211

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

3.5 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2959					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0309	0.2147	0.2335	3.8000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	32.5540	32.5540	2.5200e-003	0.0000	32.6170
Total	0.3268	0.2147	0.2335	3.8000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	32.5540	32.5540	2.5200e-003	0.0000	32.6170

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	1.9000e-003	1.2900e-003	0.0141	4.0000e-005	3.7500e-003	3.0000e-005	3.7700e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.3188	3.3188	9.0000e-005	0.0000	3.3211
Total	1.9000e-003	1.2900e-003	0.0141	4.0000e-005	3.7500e-003	3.0000e-005	3.7700e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.3188	3.3188	9.0000e-005	0.0000	3.3211

4.0 Operational Detail - Mobile

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1818	0.7423	1.9808	5.4200e-003	0.4381	5.9400e-003	0.4440	0.1175	5.5800e-003	0.1231	0.0000	497.4681	497.4681	0.0265	0.0000	498.1306
Unmitigated	0.1818	0.7423	1.9808	5.4200e-003	0.4381	5.9400e-003	0.4440	0.1175	5.5800e-003	0.1231	0.0000	497.4681	497.4681	0.0265	0.0000	498.1306

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	748.28	166.89	71.23	1,174,010	1,174,010
Total	748.28	166.89	71.23	1,174,010	1,174,010

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.551662	0.040953	0.203778	0.123762	0.021802	0.005583	0.018466	0.022043	0.002076	0.002280	0.006004	0.000618	0.000971

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	262.3158	262.3158	0.0129	2.6700e-003	263.4325
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	262.3158	262.3158	0.0129	2.6700e-003	263.4325
NaturalGas Mitigated	4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	47.4274	47.4274	9.1000e-004	8.7000e-004	47.7093
NaturalGas Unmitigated	4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	47.4274	47.4274	9.1000e-004	8.7000e-004	47.7093

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	888756	4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	47.4274	47.4274	9.1000e-004	8.7000e-004	47.7093
Total		4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	47.4274	47.4274	9.1000e-004	8.7000e-004	47.7093

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					
General Office Building	888756	4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	47.4274	47.4274	9.1000e-004	8.7000e-004	47.7093
Total		4.7900e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003	0.0000	47.4274	47.4274	9.1000e-004	8.7000e-004	47.7093

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	979667	262.3158	0.0129	2.6700e-003	263.4325
Total		262.3158	0.0129	2.6700e-003	263.4325

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	979667	262.3158	0.0129	2.6700e-003	263.4325
Total		262.3158	0.0129	2.6700e-003	263.4325

6.0 Area Detail

6.1 Mitigation Measures Area

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2965	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003
Unmitigated	0.2965	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003

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	0.0315					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003
Total	0.2965	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, 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	0.0315					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003
Total	0.2965	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6800e-003	1.6800e-003	0.0000	0.0000	1.8000e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	27.2780	0.0158	9.5100e-003	30.5076
Unmitigated	27.2780	0.0158	9.5100e-003	30.5076

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	12.0575 / 7.39005	27.2780	0.0158	9.5100e-003	30.5076
Total		27.2780	0.0158	9.5100e-003	30.5076

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	12.0575 / 7.39005	27.2780	0.0158	9.5100e-003	30.5076
Total		27.2780	0.0158	9.5100e-003	30.5076

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.8067	0.7569	0.0000	31.7281
Unmitigated	12.8067	0.7569	0.0000	31.7281

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	63.09	12.8067	0.7569	0.0000	31.7281
Total		12.8067	0.7569	0.0000	31.7281

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	63.09	12.8067	0.7569	0.0000	31.7281
Total		12.8067	0.7569	0.0000	31.7281

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

Area 3 - 0.25 FAR
Sacramento Metropolitan AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	67.84	1000sqft	1.56	67,844.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.5	Precipitation Freq (Days)	58
Climate Zone	6			Operational Year	2020
Utility Company	Sacramento Municipal Utility District				
CO2 Intensity (lb/MW hr)	590.31	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Assumed construction phasing over a 21 month period

Trips and VMT -

Grading - Project site already graded

Vehicle Emission Factors -

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	271.00
tblConstructionPhase	NumDays	200.00	271.00
tblConstructionPhase	NumDays	10.00	136.00
tblConstructionPhase	NumDays	2.00	46.00
tblGrading	AcresOfGrading	23.00	0.00
tblLandUse	LandUseSquareFeet	67,840.00	67,844.00

2.0 Emissions Summary

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.6248	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158
Energy	0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669
Mobile	1.6684	5.1536	15.8472	0.0424	3.2796	0.0428	3.3224	0.8771	0.0402	0.9173		4,290.4835	4,290.4835	0.2165		4,295.8972
Total	3.3195	5.3923	16.0547	0.0439	3.2796	0.0609	3.3405	0.8771	0.0583	0.9354		4,576.9630	4,576.9630	0.2221	5.2500e-003	4,584.0799

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	1.6248	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158
Energy	0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669
Mobile	1.6684	5.1536	15.8472	0.0424	3.2796	0.0428	3.3224	0.8771	0.0402	0.9173		4,290.4835	4,290.4835	0.2165		4,295.8972
Total	3.3195	5.3923	16.0547	0.0439	3.2796	0.0609	3.3405	0.8771	0.0583	0.9354		4,576.9630	4,576.9630	0.2221	5.2500e-003	4,584.0799

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2019	6/4/2019	5	46	
2	Paving	Paving	6/3/2019	12/9/2019	5	136	
3	Building Construction	Building Construction	12/10/2019	12/22/2020	5	271	
4	Architectural Coating	Architectural Coating	12/10/2019	12/22/2020	5	271	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 101,766; Non-Residential Outdoor: 33,922; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	22.00	11.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2693	0.0000	5.2693	2.8965	0.0000	2.8965			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	1.7123	19.4821	7.8893	0.0172	5.2693	0.8824	6.1517	2.8965	0.8118	3.7082		1,704.9189	1,704.9189	0.5394		1,718.4044

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	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429
Total	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.2 Site Preparation - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2693	0.0000	5.2693	2.8965	0.0000	2.8965			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	1.7123	19.4821	7.8893	0.0172	5.2693	0.8824	6.1517	2.8965	0.8118	3.7082	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044

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	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429
Total	0.0375	0.0206	0.2889	6.6000e-004	0.0609	4.3000e-004	0.0613	0.0161	4.0000e-004	0.0165		65.4913	65.4913	2.0600e-003		65.5429

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815		1,325.0953	1,325.0953	0.4112		1,335.3751
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815		1,325.0953	1,325.0953	0.4112		1,335.3751

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	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072
Total	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.3 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815	0.0000	1,325.0953	1,325.0953	0.4112		1,335.3751
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9038	9.1743	8.9025	0.0135		0.5225	0.5225		0.4815	0.4815	0.0000	1,325.0953	1,325.0953	0.4112		1,335.3751

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	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072
Total	0.0609	0.0335	0.4694	1.0700e-003	0.0989	7.0000e-004	0.0996	0.0262	6.5000e-004	0.0269		106.4234	106.4234	3.3500e-003		106.5072

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210

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	0.0521	1.3176	0.3934	2.7600e-003	0.0662	9.5100e-003	0.0757	0.0191	9.0900e-003	0.0282		291.7760	291.7760	0.0175		292.2144
Worker	0.1031	0.0566	0.7943	1.8100e-003	0.1674	1.1900e-003	0.1686	0.0444	1.1000e-003	0.0455		180.1012	180.1012	5.6700e-003		180.2429
Total	0.1551	1.3742	1.1877	4.5700e-003	0.2336	0.0107	0.2443	0.0634	0.0102	0.0736		471.8772	471.8772	0.0232		472.4573

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210

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	0.0521	1.3176	0.3934	2.7600e-003	0.0662	9.5100e-003	0.0757	0.0191	9.0900e-003	0.0282		291.7760	291.7760	0.0175		292.2144
Worker	0.1031	0.0566	0.7943	1.8100e-003	0.1674	1.1900e-003	0.1686	0.0444	1.1000e-003	0.0455		180.1012	180.1012	5.6700e-003		180.2429
Total	0.1551	1.3742	1.1877	4.5700e-003	0.2336	0.0107	0.2443	0.0634	0.0102	0.0736		471.8772	471.8772	0.0232		472.4573

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.0415	1.2079	0.3246	2.7400e-003	0.0662	6.3000e-003	0.0725	0.0191	6.0200e-003	0.0251		290.0210	290.0210	0.0164		290.4318
Worker	0.0949	0.0503	0.7183	1.7500e-003	0.1674	1.1600e-003	0.1685	0.0444	1.0700e-003	0.0455		174.5729	174.5729	5.0000e-003		174.6979
Total	0.1364	1.2582	1.0429	4.4900e-003	0.2336	7.4600e-003	0.2410	0.0634	7.0900e-003	0.0705		464.5938	464.5938	0.0214		465.1297

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.4 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.0415	1.2079	0.3246	2.7400e-003	0.0662	6.3000e-003	0.0725	0.0191	6.0200e-003	0.0251		290.0210	290.0210	0.0164		290.4318
Worker	0.0949	0.0503	0.7183	1.7500e-003	0.1674	1.1600e-003	0.1685	0.0444	1.0700e-003	0.0455		174.5729	174.5729	5.0000e-003		174.6979
Total	0.1364	1.2582	1.0429	4.4900e-003	0.2336	7.4600e-003	0.2410	0.0634	7.0900e-003	0.0705		464.5938	464.5938	0.0214		465.1297

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3207					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	2.5872	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714
Total	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3207					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	2.5872	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

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	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714
Total	0.0187	0.0103	0.1444	3.3000e-004	0.0304	2.2000e-004	0.0306	8.0700e-003	2.0000e-004	8.2700e-003		32.7457	32.7457	1.0300e-003		32.7714

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3207					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	2.5629	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633
Total	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

3.5 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3207					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	2.5629	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

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	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633
Total	0.0173	9.1500e-003	0.1306	3.2000e-004	0.0304	2.1000e-004	0.0306	8.0700e-003	1.9000e-004	8.2700e-003		31.7405	31.7405	9.1000e-004		31.7633

4.0 Operational Detail - Mobile

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6684	5.1536	15.8472	0.0424	3.2796	0.0428	3.3224	0.8771	0.0402	0.9173		4,290.4835	4,290.4835	0.2165		4,295.8972
Unmitigated	1.6684	5.1536	15.8472	0.0424	3.2796	0.0428	3.3224	0.8771	0.0402	0.9173		4,290.4835	4,290.4835	0.2165		4,295.8972

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	748.28	166.89	71.23	1,174,010	1,174,010
Total	748.28	166.89	71.23	1,174,010	1,174,010

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	10.00	5.00	6.50	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.551662	0.040953	0.203778	0.123762	0.021802	0.005583	0.018466	0.022043	0.002076	0.002280	0.006004	0.000618	0.000971

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669
NaturalGas Unmitigated	0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	2434.95	0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669
Total		0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669

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					
General Office Building	2.43495	0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669
Total		0.0263	0.2387	0.2005	1.4300e-003		0.0181	0.0181		0.0181	0.0181		286.4646	286.4646	5.4900e-003	5.2500e-003	288.1669

6.0 Area Detail

6.1 Mitigation Measures Area

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6248	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158
Unmitigated	1.6248	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1723					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.6000e-004	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158
Total	1.6248	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1723					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.6000e-004	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158
Total	1.6248	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0149	0.0149	4.0000e-005		0.0158

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Area 3 - 0.25 FAR - Sacramento Metropolitan AQMD Air District, Summer

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

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

Equipment Type	Number
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11.0 Vegetation
