

**SUBMITTAL TO THE BOARD OF DIRECTORS
RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
13.1
(ID # 6257)

MEETING DATE:

Tuesday, January 30, 2018

FROM : REGIONAL PARK & OPEN SPACE DISTRICT:

SUBJECT: REGIONAL PARK AND OPEN-SPACE DISTRICT: Construction Improvements for Park District Headquarters Expansion; Approve Bid and Contract Documents and Plans and Specifications; Authorize to Advertise for Bids; CEQA – Consider Addendum to Initial Study and Mitigated Negative Declaration; District 2; [DIF Funds \$2,000,000]; [Clerk to Advertise]

RECOMMENDED MOTION: That the Board of Directors:

1. Consider the Addendum to the previously adopted Initial Study and Mitigated Negative Declaration for the Riverside County Regional Park and Open-Space District Headquarters Expansion Project (State Clearinghouse #2005041077) concluding that the project is consistent with State CEQA Guidelines Sections 15162 and 15164 and will not have a significant effect on the environment; and
2. Approve the Contract Documents, including the Plans and Specifications, for the Construction Improvements for Park District Headquarters Expansion Project; and
3. Authorize the Clerk of the Board to advertise for bids to be received in the Clerk of the Board Office up to the hour of 2:00 pm, March 6, 2018, at which time bids will be opened; and
4. Direct the Clerk of the Board to file the Notice of Determination within 5 days of approval by the Board.

ACTION: Policy




Scott Bangle, Director General Manager / Park Director 1/22/2018

MINUTES OF THE BOARD OF DIRECTORS

On motion of Director Ashley, seconded by Director Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Washington, Perez and Ashley
 Nays: None
 Absent: None
 Date: January 30, 2018
 xc: Parks, COB, Recorder

Kecia Harper-Ihem
 Clerk of the Board
 By: 
 Deputy

**SUBMITTAL TO THE BOARD OF DIRECTORS RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$2,000,000.00	\$ 0	\$ 2,000,000.00	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Development Impact Fees (DIF)			Budget Adjustment:	No
			For Fiscal Year:	17/18

BACKGROUND

The Riverside County Regional Park and Open-Space District (District) houses its headquarters at the iconic Crestmore Manor. In addition to administrative staff offices and reservations center, the headquarters campus includes the Carriage House event area and Garden Room that hosts a plethora of events including weddings, quinceañeras, corporate training meetings, holiday parties, etc. The Carriage House has a capacity of up to 200 guests for banquet style seating or 300 guests in a conference style arrangement and the Garden Room seats approximately 25 guests. The venue also hosts larger events in the courtyard area for up to 400 guests. Over the last several years, more than 80% of available social event dates (Friday – Sunday) have been booked, with many being reserved well in advance. Additional space is needed to accommodate medium size events and/or simultaneous functions, increase total capacity, and cater to specific facility demands for public, government, and corporate use.

On March 3, 2016, your honorable Board authorized an agreement between TR Design Group Inc and the District for the design-development documents to expand the facilities at District Headquarters. The expansion will include replacement of the existing Garden Room with the proposed 4,129-sf single-story Crestmore Conference Center, which would be located adjacent to the Carriage House. The Crestmore Conference Center would provide a lobby, improved reservation center, additional restrooms and a conference room. Additional improvements would include new sidewalks and paving stones, landscaping, and ancillary improvements such as signage, lighting, and the installation of a trellis in the adjacent outdoor event space.

County Counsel has reviewed the Construction Bid Documents and approved as to form.

IMPACT ON CITIZENS AND BUSINESSES

Use of the facility for corporate and private events will be readily available with increased capacity. The Park District will be able to continue to provide a high quality venue to users at a reasonable rate.

CEQA COMPLIANCE:

The District completed an Addendum to the previously adopted Initial Study and Mitigated Negative Declaration (MND) for the Riverside County Regional Park and Open-Space District

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AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

Headquarters Expansion Project – State Clearinghouse Number 2005041077, finding that the previously adopted Mitigated Negative Declaration for Environmental Assessment No. Parks 1003 environmental document, as amended, may be used to fulfill the environmental review requirements of the proposed subsequent improvements. Because the proposed subsequent improvements meet the conditions for the application of CEQA Guidelines Section 15164, adoption of a new MND is not required.

ATTACHMENTS

Notice Inviting Bids

CEQA – Notice of Determination

CEQA – Addendum to the previously adopted Initial Study and Mitigated Negative Declaration for the Riverside County Regional Park and Open-Space District Headquarters Expansion Project – State Clearinghouse Number 2005041077


Nehini Basina, Principal Management Analyst

1/23/2018


Gregory V. Priaplos, Director County Counsel

1/23/2018

RIVERSIDE COUNTY

REGIONAL PARK AND OPEN-SPACE DISTRICT

NOTICE OF DETERMINATION

TO:
 County Clerk
 County of Riverside

FROM:
 Riverside County Regional Park and Open-Space District
 4600 Crestmore Road
 Riverside CA 92509

Original Negative Declaration/Notice of Determination was routed to County Clerks for posting on.
 1/31/18 Date Initial KW

SUBJECT: Filing of Notice of Determination in Compliance with Section 21152 of the California Public Resources Code.

Park District Headquarters Expansion

<i>Project Title:</i>	<i>Case Numbers</i>	
<u>2005041077</u>	<u>Regional Park District Planner</u>	<u>951-955-6515</u>
<i>State Clearinghouse Number</i>	<i>Contact Person</i>	<i>Area Code/No./Ext.</i>

Riverside County Regional Park and Open-Space District, 4600 Crestmore Road, Riverside CA 92509

Project Applicant/Property Owner and Address

4600 Crestmore Rd. Jurupa Valley, CA 92509

Project Location

Park District Headquarters Expansion – Demolition of existing Garden Room and construction of new Conference Center building and related improvements.

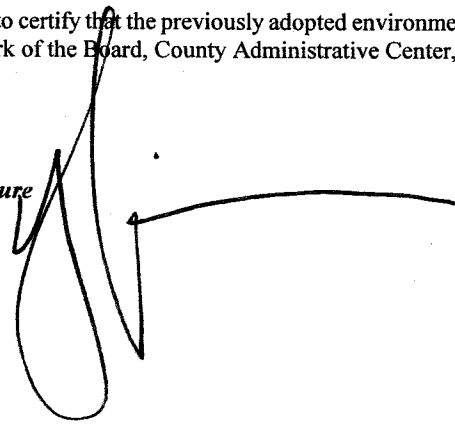
Project Description

It is the finding of the Riverside County Regional Park and Open-Space District that the previously adopted *Mitigated Negative Declaration for Environmental Assessment No. Parks 1003* environmental document, as herein amended, may be used to fulfill the environmental review requirements of the proposed subsequent improvements. Because the proposed subsequent improvements meet the conditions for the application of CEQA Guidelines Section 15164, adoption of a new MND is not required. Discretionary processing of the Riverside County Regional Park and Open-Space District Headquarters Expansion Project, as amended herein, may now proceed with the understanding that any new substantial changes in the proposal may be subject to further environmental review.

The project is consistent with CEQA Guidelines sections 15162 and 15164 and will not have a significant effect on the environment.

This is to certify that the previously adopted environmental documents and the record of Project approval are available to the General Public at: The Office of the Clerk of the Board, County Administrative Center, 4080 Lemon Street, Riverside, CA 92501.

Signature



Yun Baird; Parks Planner
Title

01/22/2018
Date

JAN 30 2018 13.1D

TO BE COMPLETED BY OPR Date Received for Filing and Posting at OPR:	FOR COUNTY CLERK'S USE ONLY <i>Please charge deposit fee case #:</i>
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Riverside County Regional Park and Open-Space District

Scott Bangle, Parks Director/General Manager | Kyla Brown, Assistant Director

DATE: January 22, 2018
TO: Mary Ann Meyer
FROM: Jeanne McLeod
RE: Accounting String for Internal Charges

Please utilize the accounting string below to charge the Park District for any administrative expenses in connection with the attached request:

FUND	DEPTID	ACCOUNT	PROJECT
33120	931800	536780	PK-9686

Please provide a copy of the posted journal via email to Parks-Finance@rivco.org

If you have any questions or experience any difficulties in using the above accounting string, please do not hesitate to contact me.

Thanks!

Jeanne McLeod

Contracts and Grants Analyst





RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT

4600 CRESTMORE ROAD
JURUPA VALLEY, CA 92509
(951) 955-4310
FAX: (951) 955-4305
www.RivCoParks.org

FINAL

**ADDENDUM TO THE PREVIOUSLY ADOPTED INITIAL STUDY
AND MITIGATED NEGATIVE DECLARATION FOR THE
RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT
HEADQUARTERS IMPROVEMENT PROJECT
State Clearinghouse Number 2005041077**

January 2018

Lead Agency Name and Address:

Riverside County Regional Park and Open-Space District
4600 Crestmore Road
Jurupa Valley, CA 92509

Contact: Yun Baird, Park Planner

Phone Number: (951) 955-6515

E-mail: ybaird@rivco.org

Project Applicant's Name and Address:

Riverside County Regional Park and Open-Space District
4600 Crestmore Road
Jurupa Valley, California 92509

1.0 INTRODUCTION

The California Environmental Quality Act (CEQA) Guidelines Sections 15162 through 15164 set forth criteria for determining the required additional environmental documentation when a previously adopted Negative Declaration (ND) or a previously certified Environmental Impact Report (EIR) has been prepared a project for which a subsequent discretionary action is necessary.

CEQA Guidelines Section 15162(a) and 15163 state that when an ND has been adopted or an EIR certified for a project, no Subsequent or Supplemental EIR or Subsequent ND shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in light of the whole public record, one or more of the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or ND 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 ND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.
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 ND was adopted, shows any of the following:
 - a. The project will have one or more significant effects not discussed in the previous EIR or ND; or
 - b. Significant effects previously examined will be substantially more severe than shown in the previously adopted ND or previously certified EIR; or
 - 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 ND or EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

CEQA Guidelines Section 15164(a) states that an addendum to a previously certified EIR may be prepared if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a Subsequent or Supplemental EIR have occurred. CEQA Guidelines Section 15164(b) states that an addendum to a previously adopted ND may be prepared if only minor technical changes or additions are necessary.

If the criteria listed in CEQA Guidelines Sections 15162, 15163, or 15164 have not occurred or are not met, no changes to the previously certified EIR or previously adopted ND are necessary.

This addendum has been prepared in accordance with CEQA Guidelines Section 15164(e) to explain the rationale for determining whether any additional environmental documentation is needed for the subject discretionary action.

2.0 DETERMINATION

This addendum to the previously adopted the *Mitigated Negative Declaration (MND) for Environmental Assessment No. Parks 1003* has been prepared in accordance with CEQA Guidelines Section 15164 to accurately reflect the proposed subsequent improvements and conditions under which these improvements would be undertaken.

No substantial changes are proposed in the project and there are no substantial changes in the circumstances under which the project would be undertaken that would require major revisions to the previously adopted MND due to the involvement of significant new environmental effects or a substantial increase in the severity of previously identified significant environmental effects. Also, there is no "new information of substantial importance" as defined in CEQA Guidelines Section 15162 (a)(3). Therefore, the previously adopted MND is adequate upon completion of this addendum.

3.0 BACKGROUND ON PREVIOUSLY ADOPTED MND

The Riverside County Regional Park and Open-Space District (District) prepared an Initial Study (IS) for the Riverside County Regional Park and Open-Space District Headquarters Improvements Project in 2005 (State Clearinghouse [SCH] No. 2005041077). The IS evaluated the removal of a temporary office trailer and construction of a new 9,138-square-foot (sf) single-story conference center building in its place (referred to as the Carriage House) to be used for weddings, conferences, meetings, banquets, and other similar-type events. Offices were also included within the previously approved conference center to provide space for up to approximately 15 employees. The previously approved project also included utility upgrades (i.e., connection to the existing water and sewer system through the Rubidoux Community Services District), and expansion of the existing parking lot south of the conference center to accommodate 165 additional vehicles.

The previously adopted MND concluded that potential impacts related to liquification may occur to Geology and Soils, but with the implementation of feasible mitigation measures including soil augmentation, these impacts would be reduced to less than significant levels. Impacts to Population and Housing were determined to be less than significant without mitigation. No impacts were identified for any other resource area including: Aesthetic Resources; Agricultural Resources; Air Quality; Biological Resources; Cultural Resources; Hazards and Hazardous Materials; Hydrology and Water Quality; Land Use and Planning; Mineral Resources; Noise; Recreation; Transportation; and Utility and Service Systems.

In 2009, the District completed the construction of the project that was originally approved with the adoption of the MND. However, following completion of these construction activities, the District is now considering subsequent additional improvements that were not previously evaluated.

4.0 ADDITIONS AND CHANGES TO THE PREVIOUSLY ADOPTED MND

Since the previous MND was adopted, the proposed subsequent improvements consist of the following:

- Demolition of the existing Garden House and construction of the proposed Crestmore Conference Center
- Surface parking lot expansion
- Minor realignment of internal access road

4.1 Demolition of the Existing Garden House and Construction of the Proposed Crestmore Conference Center

The existing 1,100-sf Garden House would be demolished down to the existing concrete slab. This would include removal of existing hardscape improvements (e.g., sidewalks) as well as relocation or replanting of approximately 15 trees surrounding the Garden House. Following demolition of the existing facility, the District would construct the proposed 4,129-sf single-story Crestmore Conference Center, which would be located adjacent to the Carriage House. The Crestmore Conference Center would provide a lobby, conference room, and administrative space for District staff. Additional improvements would include new sidewalks and paving stones,

landscaping, and ancillary improvements such as signage, lighting, and the installation of a trellis in the adjacent outdoor event space.

4.2 Surface Parking Lot Expansion

Construction of the Crestmore Conference Center would also include the expansion of the existing asphalt parking lot including the construction of 63 additional parking stalls to the west of the main surface parking lot. Additionally, the improvements would include the creation of two additional small parking areas to the west of the Carriage House and to the south of the proposed Crestmore Conference Center. These areas would provide five parking stalls and six parking stalls, respectively (including 3 Americans with Disabilities Act [ADA] compliant spaces).

4.3 Minor Realignment of Internal Access Road

In order to accommodate the proposed footprint of the Crestmore Conference Room, the access road directly south of the building would be slightly realigned. Approximately 175 feet of the existing alignment would be straightened to allow more space north of the road for the larger conference room and the associated hardscaping and landscaping.

5.0 Impacts Analysis

The attached *Environmental Review Update Checklist Form for Consideration of Amendments to the Riverside County Regional Park and Open-Space District Headquarters Improvements Project* considers the previous findings of the *Mitigated Negative Declaration for Environmental Assessment No. Parks 1003* as they relate to the proposed subsequent improvements. The previously adopted MND concluded that potential impacts related to liquefaction may occur to Geology and Soils; however, with the implementation of feasible mitigation measures including soil augmentation, these impacts would be reduced to less than significant levels. Potential impacts to Geology and Soils related to the proposed subsequent improvements are summarized below.

5.1.1 Geology and Soils

A geotechnical investigation prepared for the project by Landmark Consultants, Inc. in March 2004 identified a 4-foot thick silty sand layer at a depth of 12.5 to 16.5 feet, which has the potential to liquefy during a seismic event and would result in an estimated one inch of deep seated settlement. Ground improvement methods to reduce the potential effects of liquefaction were recommended in the geotechnical investigation. Adherence to these ground improvement methods were required by mitigation measures identified in the previously adopted MND and were incorporated into the design of the Carriage House included in the approved project. The proposed subsequent improvements would be subject to the mitigation identified in the previously adopted MND and the ground improvement methods would also be incorporated into the design and implemented during construction of the Crestmore Conference Center and associated improvements.

In addition to liquefaction potential, the 2004 geotechnical investigation evaluated fault parameters and deterministic estimates of peak ground acceleration. However, the project site does not lie within a State of California, Alquist-Priolo Earthquake Fault Zone. The nearest fault segment to the project site is a segment of the San Jacinto Fault System and is located 10 miles east and northeast of the site. After evaluation of the delineated fault lines within U.S. Geological

Survey (USGS) and California Division of Mines and Geology maps, the geotechnical investigation determined that surface fault rupture is unlikely at the project site. Additionally, it was determined that potential hazards at the project site regarding landslides, volcanoes, tsunamis, sieches, and flooding are unlikely. Consequently, the proposed subsequent improvements would result in no new impacts related to exposure of people or structures to seismic-related ground failure, landslides, lateral spreading, subsidence, liquefaction or collapse. Therefore, these improvements would not affect the findings of the previously adopted MND related to geology and soils.

Changes to the Riverside County Regional Park and Open-Space District Headquarters Improvements Project, specifically the demolition of the existing Garden House, construction of the proposed Crestmore Conference Center, expansion of the existing parking lot, and minor realignment of the existing internal access road would not result in any new significant impacts to Geology and Soils or any other environmental resources evaluated pursuant to CEQA. A Mitigation and Monitoring Plan was prepared for the original improvements. No new mitigation would be required for implementation of the proposed subsequent improvements.

6.0 FINDING

It is the finding of the Riverside County Regional Park and Open-Space District that the previously adopted *Mitigated Negative Declaration for Environmental Assessment No. Parks 1003* environmental document, as herein amended, may be used to fulfill the environmental review requirements of the proposed subsequent improvements. Because the proposed subsequent improvements meet the conditions for the application of CEQA Guidelines Section 15164, adoption of a new MND is not required. Discretionary processing of the Riverside County Regional Parks and Open-Space District Headquarters Improvements Project, as amended herein, may now proceed with the understanding that any new substantial changes in the proposal may be subject to further environmental review.



RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT
4600 CRESTMORE ROAD
JURUPA VALLEY, CA 92509
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FINAL

ENVIRONMENTAL REVIEW UPDATE CHECKLIST FORM FOR CONSIDERATION OF AMENDMENTS TO THE RIVERSIDE COUNTY REGIONAL PARK AND OPEN-SPACE DISTRICT HEADQUARTERS IMPROVEMENTS PROJECT

January 2018

The California Environmental Quality Act (CEQA) Guidelines Sections 15162 through 15164 set forth criteria for determining the required additional environmental documentation when a previously adopted Negative Declaration (ND) or a previously certified Environmental Impact Report (EIR) has been prepared for a project for which a subsequent discretionary action is necessary. This Environmental Review Update Checklist Form has been prepared in accordance with CEQA Guidelines Section 15164(e) to explain the rationale for determining whether any additional environmental documentation is needed for the subject discretionary action.

1. Background on the previously adopted Mitigated Negative Declaration (MND):

The Riverside County Regional Park and Open-Space District (District) prepared an Initial Study (IS) for the Riverside County Regional Park and Open-Space District Headquarters Improvements Project in 2005 (State Clearinghouse [SCH] No. 2005041077; Riverside County Regional Park and Open-Space District 2005a). The IS evaluated the removal of a temporary office trailer and construction of a new 9,138-square-foot (sf) single-story conference center in its place (referred to as the Carriage House) to be used for weddings, conferences, meetings, banquets, and other similar-type events. Offices were also included within the previously approved conference center to provide space for up to approximately 15 employees.



The previously approved Riverside County Regional Park and Open-Space District Headquarters Improvements Project expanded the District Headquarters by adding an removing a temporary office trailing and adding an additional conference building (i.e., the Carriage House) and additional parking. The photograph on the left shows the original District Headquarters in 2005 and the photograph on the right shows the expansion following the completion of construction activities in 2009.

The previously approved project also included utility upgrades (i.e., connection to the existing water and sewer system through the Rubidoux Community Services District), and expansion of the existing parking lot south of the conference center to accommodate approximately 165 additional vehicles.

The previously adopted MND concluded that potential impacts related to liquefaction may occur to Geology and Soils, but with the implementation of feasible mitigation measures, including soil augmentation, these impacts would be reduced to less than significant levels. Impacts to Population and Housing were determined to be less than significant without mitigation. No impacts were identified for any other resource area including: Aesthetic Resources; Agricultural Resources; Air Quality; Biological Resources; Cultural Resources; Hazards and Hazardous Materials; Hydrology and Water Quality; Land Use and Planning; Mineral Resources; Noise; Recreation; Transportation; and Utility and Service Systems.

The District, as the lead agency pursuant to CEQA, adopted the *Mitigated Negative Declaration for Environmental Assessment No. Parks 1003* based upon the findings in the IS and the conclusion that the proposed expansion of the District's Headquarters would not have a significant effect on the environment (Riverside County Regional Park and Open-Space District 2005b).

In 2009, the District completed the construction of the previously approved project. However, the District is now considering additional related construction activities that were not previously evaluated.

2. Lead Agency Name and Address:

Riverside County Regional Park and Open-Space District
4600 Crestmore Road
Jurupa Valley, CA 92509

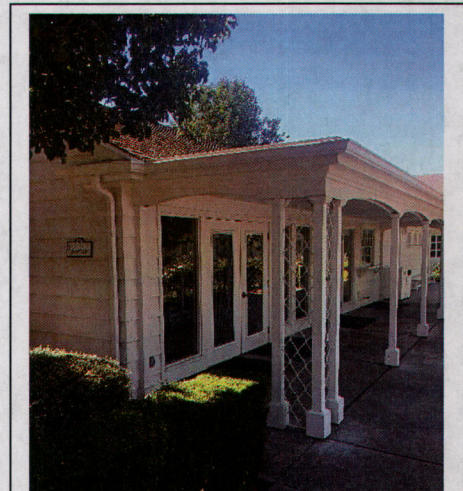
- a. Contact: Yun Baird, Park Planner
- b. Phone Number: (951) 955-6515
- c. E-mail: ybaird@rivco.org

3. Project Applicant's Name and Address:

Riverside County Regional Park and Open-Space District
4600 Crestmore Road Jurupa Valley, California
92509

4. Summary of the activities authorized by present permit/entitlement application(s):

Following the expansion of the District Headquarters in 2009, including construction of the Carriage House and related improvements, the District determined a need to reconfigure the existing Garden House in order to provide adequate space and facilities necessary to support events at the newly constructed Carriage House.



The primary element of the proposed subsequent improvements would include the demolition of the existing 1,100-sf Garden House and the construction of a the proposed 4,129-sf Crestmore Conference Center.

The Garden House is an approximately 1,100-sf building that is located directly adjacent to the Carriage House. The Garden House has a maximum occupancy of less than 50 people and is generally used as a bar and catering room for events at the Carriage House. However, the Garden House has no physical connection with Carriage House, requiring event staff to move between the two buildings through the event space itself when supporting large events (rather than through “back-of-house” connections). The Garden House is also available for individual rental for much smaller events (e.g., small meetings). However, the Garden House is outdated and poorly configured; as such, it is unsuitable for most event types. Consequently, the District is proposing to demolish the existing Garden House and construct a new one-story, 4,129-sf building in the location of the Garden House immediately adjacent (i.e., sharing a common wall) with the Carriage House (see Figure 1). This new event space, which would be known as the Crestmore Conference Center, would have a maximum occupancy of 139 people, and would provide a lobby, conference room, and administrative space for reservations staff and event coordinators. Additionally, the proposed Crestmore Conference Center would include a connection to the existing kitchen in the adjacent Carriage House, allowing event staff to move easily between the two buildings. The proposed Crestmore Conference Center would be visually consistent with the existing facilities at the District Headquarters, with similar building materials and a similar overall architectural style. The proposed subsequent improvements would include minor hardscape and landscaping improvements (e.g., replacement of existing sidewalks around the Garden House and relocation of existing trees) as well as an expansion of the surface parking lot and a minor reconfiguration of the internal access road to the south of the conference room. The proposed hardscape and landscape improvements would be visual consistent with the existing hardscape and landscaping at the District Headquarters.

Construction activities would occur over an approximately 9- to 12-month period. Site preparation and minor grading would be required for implementation of these proposed subsequent improvements. Construction staging would be located in the undeveloped field to the south of the existing Garden House. During construction, temporary space for District administrative staff would be provided in two trailers that would be located on the existing surface parking lot (see Figure 1). This would temporarily remove approximately 20 parking spaces; however, parking is generally sufficient at the District Headquarters, including during events.



Construction staging would be located in an undeveloped field located to the south of the existing Garden House. This area is characterized by ruderal vegetation.

As the proposed subsequent improvements would be constructed immediately adjacent to the original improvements that were previously evaluated in 2005, the existing setting and potential impacts to the majority of the resources areas would be materially unchanged from those described in the previously adopted MND. As such, the additional expansion, including the demolition of the Garden House and construction of the proposed Crestmore Conference Center and associated improvements would not result in new

significant effects or substantially more severe significant effects that would trigger the requirement for a subsequent CEQA document per CEQA Section 15162(a)(1).

Does the project for which a subsequent discretionary action is now proposed differ in any way from the previously approved project?

Yes

No

5. If yes, describe **ALL** differences.

Since the previous IS and MND was adopted, there have been changes to the project that consist of the following:

- Demolition of the existing Garden House and construction of the proposed Crestmore Conference Center

The existing 1,100-sf single-story Garden House would be demolished down to the existing concrete slab. This would include removal of existing hardscape improvements (e.g., sidewalks) as well as relocation or replanting of approximately 15 trees surrounding the Garden House. Following demolition of the existing facility, the District would construct the proposed 4,129-sf single-story Crestmore Conference Center, which would be located adjacent to the Carriage House. The Crestmore Conference Center would provide a lobby, conference room, and administrative space for District staff. Additional improvements would include new sidewalks and paving stones, landscaping, and ancillary improvements such as signage, lighting, and the installation of a trellis in the adjacent outdoor event space.

- Surface parking lot expansion

Construction of the proposed Crestmore Conference Room would also include the expansion of the existing asphalt parking lot including the construction of 63 additional parking stalls to the west of the main surface parking lot. Additionally, the improvements would include the creation of two additional small parking areas to the west of the Carriage House and to the south of the proposed Crestmore Conference Center. These areas would provide 5 parking stalls and 6 parking stalls, respectively.

- Minor realignment of internal access road

In order to accommodate the proposed footprint of the Crestmore Conference Center, the internal access road directly south of the building would be slightly reconfigured. Approximately 175 feet of the existing alignment would be straightened to allow more space north of the road for the larger conference room and the associated hardscaping and landscaping.

6. Subject areas determined to have new or substantially more severe significant environmental effects compared to those identified in the previous ND or EIR. The subject areas checked below were determined to be new significant environmental effects or to be previously identified effects that have a substantial increase in severity either due to a change in project, change in circumstances or new information of substantial importance, as indicated by the checklist and discussion on the following pages.

- None
- Aesthetics
- Biological Resources
- Greenhouse Gas Emissions
- Land Use/Planning
- Population/Housing
- Transportation/Traffic
- Agriculture Resources
- Cultural/Paleontological/Tribal Resources
- Hazards & Hazardous Materials
- Mineral Resources
- Public Services
- Utilities/Service Systems
- Air Quality
- Geology/Soils
- Hydrology/Water Quality
- Noise
- Recreation
- Mandatory Findings of Significance

DETERMINATION:

On the basis of this analysis, the District has determined that:

- No substantial changes are proposed in the project and there are no substantial changes in the circumstances under which the project will be undertaken that will require major revisions to the previous EIR or ND due to the involvement of significant new environmental effects or a substantial increase in the severity of previously identified significant effects. Also, there is no "new information of substantial importance" as that term is used in CEQA Guidelines Section 15162(a)(3). Therefore, the previously adopted ND or previously certified EIR is adequate upon completion of an ADDENDUM.
- No substantial changes are proposed in the project and there are no substantial changes in the circumstances under which the project will be undertaken that will require major revisions to the previous EIR or ND due to the involvement of significant new environmental effects or a substantial increase in the severity of previously identified significant effects. Also, there is no "new information of substantial importance" as that term is used in CEQA Guidelines Section 15162(a)(3). Therefore, because the project is a residential project in conformance with, and pursuant to, a Specific Plan with a EIR completed after January 1, 1980, the project is exempt pursuant to CEQA Guidelines Section 15182.
- Substantial changes are proposed in the project or there are substantial changes in the circumstances under which the project will be undertaken that will require major revisions to the previous ND due to the involvement of significant new environmental effects or a substantial increase in the severity of previously identified significant effects. Or, there is "new information of substantial importance," as that term is used in CEQA Guidelines Section 15162(a)(3). However, all new significant environmental effects or a substantial increase in severity of previously identified significant effects are clearly avoidable through the incorporation of mitigation measures agreed to by the project applicant. Therefore, a SUBSEQUENT ND is required.
- Substantial changes are proposed in the project or there are substantial changes in the circumstances under which the project will be undertaken that will require major revisions to the previous ND or EIR due to the involvement of significant new environmental effects or a substantial increase in the severity of previously identified significant effects. Or, there is "new information of substantial importance," as that term is used in CEQA Guidelines Section 15162(a)(3). Therefore, a SUBSEQUENT or SUPPLEMENTAL EIR is required.

Signature

Yun Baird

Printed Name

Date

Park Planner

Title

1.0 INTRODUCTION

CEQA Guidelines Sections 15162 through 15164 set forth criteria for determining the required additional environmental documentation when a previously adopted ND or a previously certified EIR has been prepared a project for which a subsequent discretionary action is necessary.

CEQA Guidelines Section 15162(a) and 15163 state that when an ND has been adopted or an EIR certified for a project, no Subsequent or Supplemental EIR or Subsequent ND shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in light of the whole public record, one or more of the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or ND 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 ND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.
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 ND was adopted, shows any of the following:
 - a. The project will have one or more significant effects not discussed in the previous EIR or ND; or
 - b. Significant effects previously examined will be substantially more severe than shown in the previously adopted ND or previously certified EIR; or
 - 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 ND or EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

CEQA Guidelines Section 15164(a) states that an addendum to a previously certified EIR may be prepared if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a Subsequent or Supplemental EIR have occurred. CEQA Guidelines Section 15164(b) states that an addendum to a previously adopted ND may be prepared if only minor technical changes or additions are necessary.

If the factors listed in CEQA Guidelines Sections 15162, 15163, or 15164 have not occurred or are not met, no changes to the previously certified EIR or previously adopted ND are necessary.

This addendum has been prepared in accordance with CEQA Guidelines Section 15164(e) to explain the rationale for determining whether any additional environmental documentation is needed for the subject discretionary action.

The following responses detail any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that may cause one or more effects to environmental resources. The responses support the "Determination" above, as to the type of environmental documentation required, if any.

2.0 ENVIRONMENTAL REVIEW UPDATE CHECKLIST

I. AESTHETICS – Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to aesthetic resources including: scenic vistas; scenic resources including, but not limited to, trees, rock outcroppings, or historic buildings within a state scenic highway; existing visual character or quality of the site and its surroundings; or day or nighttime views in the area?

Yes

No

The previously adopted MND identifies no important scenic elements in the area that would be affected by the approved project and states that the project site was not located within a scenic highway corridor. The proposed subsequent improvements would be located immediately adjacent to the approved project in an existing developed area within the District Headquarters boundaries. The proposed Crestmore Conference Center would be 3,029 sf larger than the existing 1,100-sf Garden House; however, the height of the proposed Crestmore Conference Center would be generally consistent with the height of the adjacent Carriage House and would not have an adverse impact on existing views at the District Headquarters or in the surrounding vicinity. Views of the proposed Crestmore Conference Center from off-site are virtually nonexistent based on the existing vegetation screening the Project site and the overall distance (i.e., over 800 feet) from the nearest public road. As such, the proposed project improvements would only be visible from the immediate Project vicinity on District Headquarters property.

The existing Garden House, which was originally constructed in the 1950s, would be demolished and a new 4,129-sf single-story building would be constructed with similar materials and in a similar architectural style as the existing facilities at the District Headquarters. As such, the proposed improvements would be visually consistent with the existing buildings on site. The proposed subsequent improvements would also include landscaping that would maintain the existing aesthetic of the District Headquarters. Consequently, these improvements would not result in any substantial alterations to public views. While the proposed Crestmore Conference Center would include downcast outside lighting for nighttime events and security purposes, the lighting fixtures would be similar to the existing lights on the Garden House and surrounding on-site buildings, and would not create a substantial new lighting source. Additionally, as with the approved project evaluated in the previously adopted MND, the proposed subsequent improvements would be located outside of the Mt. Palomar Special Lighting Zone and would not interfere with the night time use of the Mt. Palomar Observatory, as protected through Riverside County Ordinance No. 655. Therefore, proposed subsequent improvements, including the construction of the proposed Crestmore Conference Center, would not affect the findings of the previously adopted MND as related to aesthetics.

II. AGRICULTURE AND FORESTRY RESOURCES -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one

or more effects to agriculture or forestry resources including: conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use, conflicts with existing zoning for agricultural use or Williamson Act contract, or conversion of forest land (as defined in Public Resources Code section 12220[g]), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104[g])?

Yes

No

The previously adopted MND identifies no impacts to agricultural resources. The proposed subsequent improvements, including the demolition of the existing Garden House and construction of the Crestmore Conference Center, would not result in the conversion of prime farmland, unique farmland, or farmland of statewide importance to non-agricultural use. The majority of the proposed subsequent improvements would be constructed on previously developed land, with the exception of the surface parking lot expansion and roadway realignment, which would be constructed on previously graded undeveloped land characterized by ruderal vegetation. None of the proposed subsequent improvements, including the surface parking lot expansion and roadway realignment, would convert farmland to a non-agricultural use.



The only undeveloped areas of the District Headquarters that would be affected by the proposed subsequent improvements is the expansion of the existing asphalt surface parking lot to the east. This area is characterized by disturbed lands with ruderal vegetation.

Therefore, the proposed subsequent improvements would not affect the findings of the previously adopted MND as related to agricultural and forestry resources.

III. AIR QUALITY -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to air quality including: conflicts with or obstruction of implementation of the applicable air quality plan or applicable portions of the State Implementation Plan (SIP); violation of any air quality standard or substantial contribution to an existing or projected air quality violation; a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard; exposure of sensitive receptors to substantial pollutant concentrations; or creation of objectionable odors affecting a substantial number of people?

Yes

No

Air quality in a given location is determined by the concentration of various pollutants in the atmosphere. Specific geographic areas are classified as either *attainment*, *maintenance*, or *nonattainment* for each criteria pollutant based on a comparison of measured air quality data with relevant federal and state air quality standards. *Attainment* areas include areas that meet the relevant primary or secondary ambient air quality standards for each criteria pollutant, while *nonattainment* areas include areas that do not meet the standards or that otherwise contribute to

or affect ambient air quality in nearby areas that are not in *attainment* (U.S. Environmental Protection Agency [USEPA] 2017). An area can be re-designated from *nonattainment* to *attainment*; however, in order to be re-designated that area must meet ambient air quality standards for 10 years during which time it is referred to as a *maintenance* area. Riverside County spans three separate air basins. The proposed subsequent improvements are located within the South Coast Air Basin. Table 1 below shows the criteria pollutants for which the Riverside County/South Coast Air Basin is in *nonattainment* or *maintenance*.

Table 1. Riverside County's Nonattainment and Maintenance Designations

Criteria Pollutant	Federal Designation	Classification
8-Hour Ozone (O ₃)	Nonattainment	Extreme
Carbon Monoxide (CO)	Maintenance (6/11/07)	Serious
Nitrogen Dioxide (NO ₂)	Maintenance (9/22/98)	Primary
PM ₁₀	Maintenance (7/26/13)	Serious
PM _{2.5}	Nonattainment	Moderate

Since the proposed improvements would be located within the South Coast Air Basin, they would be subject to the South Coast Air Quality Management District (SCAQMD) thresholds. An air quality analysis was prepared to estimate daily construction and operational emissions of criteria pollutants associated with the proposed improvements (see Appendix B). The analysis was conducted using the California Emissions Estimator Model (CalEEMod) Version 2016.3.1. As shown in Table 2 below, the proposed subsequent improvements would result in air emissions well below the SCAQMD construction emissions thresholds.

Table 2. Estimated Maximum Daily Construction Emissions (lbs/day)

Criteria Pollutant	SCAQMD Thresholds	Estimated Emissions	Exceed the Threshold?
NO _x	100	11.56	No
CO	550	8.39	No
SO _x	150	0.014	No
PM ₁₀	150	1.75	No
PM _{2.5}	55	1.18	No
VOC	75	5.76	No

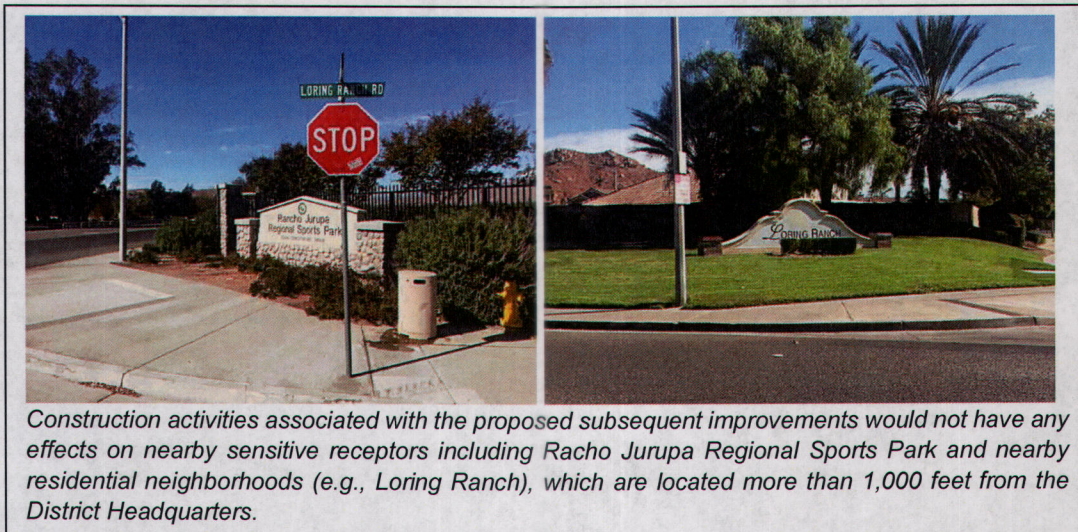
Similar to the estimated maximum daily construction emissions, the estimated daily operational emissions expected to result from the proposed subsequent improvements, including vehicle trips associated with events at the Crestmore Conference Center, would be well below the SCAQMD thresholds (see Table 3).

Table 3. Estimated Daily Operational Emissions (lbs/day)

Criteria Pollutant	SCAQMD Thresholds	Estimated Emissions	Exceed the Threshold?
NO _x	55	5.14	No
CO	550	8.79	No
SO _x	150	0.029	No
PM ₁₀	150	2.00	No

Criteria Pollutant	SCAQMD Thresholds	Estimated Emissions	Exceed the Threshold?
PM _{2.5}	55	0.56	No
VOC	55	0.86	No

The proposed subsequent improvements would include demolition of the Garden House, construction of the Crestmore Conference Center, expansion of the existing parking lot, and realignment of the existing internal access road, all of which would result in short-term construction emissions. However, minimal grading would be required to implement these improvements, as the majority of the site is already developed. Further, construction equipment would be stored on-site, which would reduce the number of vehicle trips associated with construction. While the South Coast Air Basin is designated as a *maintenance* area for CO, NO₂, and PM₁₀, and in *nonattainment* for 8-hour ozone and PM_{2.5}, as shown in Table 2, construction emissions associated with the proposed subsequent improvement would generate an incremental and short-term increase in air emissions that would not exceed SCAQMD construction emissions thresholds. Similarly, as shown in Table 3, operation of the Crestmore Conference Center, would generate negligible increases in operational air emissions that would not exceed SCAQMD



emissions thresholds. Therefore, construction and operation of the proposed subsequent improvements are not expected to have an effect on air emissions in the South Coast Air Basin.

Short-term construction and operation of the proposed Crestmore Conference Center would have no impacts on potential sensitive receptors located over 1,000 feet to the north across Crestmore Road. Further, the improvements would not create any new sensitive receptor(s) within one mile of a point source emitter.

The previously adopted MND identifies no significant impacts to air quality due to emissions from construction or operations associated with the approved project. Further, the previously adopted MND states that the central location of the District Headquarters, as well as the proximity to other County Departments and population of the City of Riverside (the largest City in the County), offers a convenient location for meetings and events. As such, the County Departments and nearby residents would have the opportunity to choose a closer location for meetings and events, potentially reducing vehicle miles travelled (VMT). The proposed subsequent improvements would enhance this centrally located event space and would make it a more attractive local venue. Therefore, proposed subsequent improvements, including the construction of the 4,129-sf

Crestmore Conference Center, would not affect the findings of the previously approved MND as related to air quality.

IV. BIOLOGICAL RESOURCES -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to biological resources including: adverse effects on any sensitive natural community (including riparian habitat) or species identified as a candidate, sensitive, or special status species in a local or regional plan, policy, or regulation, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service (USFWS); adverse effects to federally protected wetlands as defined by Section 404 of the Clean Water Act (CWA); interference with the movement of any native resident or migratory fish or wildlife species or with wildlife corridors, or impeding the use of native wildlife nursery sites; and/or conflicts with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, or other approved local, regional or state habitat conservation plan, policies or ordinances?

Yes

No

In preparation of the previously adopted MND, a site visit was conducted by a qualified biologist (Ron Baxter, Natural Resources Manager for Riverside County) on January 12, 2004. No special status species or sensitive habitat types were identified during this site visit. As such, no potential impacts to biological resources were identified in the previously adopted MND. A majority of the construction associated with the proposed subsequent improvements would occur on previously developed land immediately adjacent to the Carriage House. The proposed expansion of the existing surface parking lot and roadway realignment would be located on previously graded undeveloped land immediately adjacent to existing parking pavements. A review of existing federal and state databases (e.g., U.S. Fish and Wildlife Service [USFWS] Critical Habitat Mapper, California Natural Diversity Database [CNDDB], etc.) indicate that no federal- or state-listed species or other special status species have been recorded in the vicinity of the District Headquarters since the site visit in 2004. Construction activities, including vegetation removal, would comply with all applicable federal, state, and local regulations related to sensitive wildlife (e.g., avoidance of nesting birds or pre-construction surveys per the Migratory Bird Treaty Act [MBTA]). According to the USFWS National Wetland Inventory (NWI) there are no riparian or wetland habitats or other sensitive native habitats within the District Headquarters. The nearest riparian habitat is the Santa Ana River, which is located more than 1,000 feet south and east. Further, the project site is not located within any local or adopted Habitat Conservation Plan, Natural Communities Conservation Plan, or other approved local, regional or state habitat conservation plan. Therefore, the proposed subsequent improvements would not affect the findings of the previously adopted MND as related to biological resources.

V. CULTURAL RESOURCES & TRIBAL CULTURAL RESOURCES -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to cultural resources or tribal cultural resources including: causing a change in the significance of a historical or archaeological resource as defined in CEQA Guidelines Section 15064.5; destroying a unique paleontological resource or site or unique geologic feature; disturbing any human remains, including those interred outside of formal cemeteries; causing a change in a tribal cultural resource that is listed or eligible for listing

in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k); and/or causing a change in a resource determined by the lead agency to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1?

Yes

No

The previously adopted MND did not include an analysis of impacts to tribal cultural resources, as it was prepared prior to the inception of Assembly Bill (AB) 52. A discussion of potential impacts to tribal cultural resources is included in the discussion below.

The District Headquarters property was originally constructed in the 1950s as a ranch house, with a pool just to the west of the main house. The existing Garden House, which is proposed for demolition and replacement with the larger Crestmore Conference Center, was originally constructed as a pool house. However, following conversion of the property for use as the District Headquarters, the buildings, including the Garden House, underwent extensive renovations. Since its original conversion from a pool house, the Garden House has undergone several other remodels over the years including conversion of shower rooms to restrooms, conversion of the game room to a conference room, replacement of all light fixtures, and replacement of all exterior doors and windows. Mr. Keith Herron, the previous County Historic Preservation Officer (retired) evaluated the Garden House for historical significance (see Appendix A). It was determined that the key character defining feature (fenestration on the front façade) was significantly altered after installation of the window and glass door combinations in 2009. Other changes to the property, including removal of the pool, alterations to the courtyard, and construction of the Carriage House addition, have all significantly altered the surrounding landscape of the main house and severely compromised any historical integrity of the property beyond the main house. Consequently, it was determined that the Garden House does not hold any significant historical importance. Per the recommendations of Mr. Keith Herron, the District has photo documented the Garden House and archived as-built drawings of the original construction.

The proposed subsequent improvements are not located within an area that is considered to be paleontologically sensitive. The proposed Crestmore Conference Center building footprint is located entirely on previously developed and paved surfaces. Since the development of the project site as a horse ranch in approximately 1950, the area within the District Headquarters boundaries have been extensively graded and disturbed. No archaeological or tribal cultural resources are known within the project site or within the immediate area from the original construction of the Garden House or during construction of the adjacent Carriage House. Additionally, construction of the proposed Crestmore Conference Center would not involve extensive excavation that would be likely to disturb native soils beneath the Project site. Given the pervasive prior soil disturbances at the Project site, it is highly unlikely that any previously undiscovered buried archaeological resources or tribal cultural resources occur beneath the Project site.

In the highly unlikely event that previously undiscovered archaeological resources or tribal cultural resources are unexpectedly encountered during construction activities associated with the proposed subsequent improvements, the District would immediately notify a qualified archaeologist of the find and coordinate with the archaeologist as to the immediate treatment of the find until a proper site visit and evaluation is made by the archaeologist. All grading or

excavation activities in the vicinity of the find would be temporarily halted or redirected in order to make an evaluation of the find and determine appropriate treatment. Treatment may include implementation of archaeological data recovery excavations to remove the resource from the Project area or preservation in place. The archaeologist would prepare a final report summarizing the findings, which would be submitted to representatives of appropriate or concerned agencies or Native American tribes. The report would include documentation and interpretation of the resources recovered including evaluation of the find's eligibility for listing in the California Register of Historic Places. The District, in consultation with the archaeologist and the California State Historic Preservation Office (SHPO), would designate repositories in the event that archaeological material is recovered. The archaeologist would also determine the need for archaeological monitoring for any ground-disturbing activities thereafter. With implementation of these standard best management practices, no impacts to cultural resources and tribal cultural resources are anticipated, and the proposed subsequent improvements would not affect the findings of the previously adopted MND as related to cultural resources.

VI. GEOLOGY AND SOILS -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in one or more effects from geology and soils including: exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, seismic-related ground failure, including liquefaction, strong seismic ground shaking, or landslides; result in substantial soil erosion or the loss of topsoil; produce unstable geological conditions that will result in adverse impacts resulting from landslides, lateral spreading, subsidence, liquefaction or collapse; being located on expansive soil creating substantial risks to life or property; and/or having soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

Yes

No

The previously adopted MND concludes that the approved project may result in an impact to geology and soils related to liquification. However, it was determined that this impact could be reduced to less than significant with mitigation. A geotechnical investigation prepared for the project by Landmark Consultants, Inc. in March 2004 identified a 4-foot thick silty sand layer at a depth of 12.5 to 16.5 feet, which has the potential to liquefy during a seismic event and would result in an estimated one inch of deep seated settlement (Landmark Consultants, Inc. 2004). Ground improvement methods to reduce the potential effects of liquefaction (i.e., soil augmentation) were recommended in the geotechnical investigation. Adherence to these ground improvement methods were required by mitigation measures identified in the previously adopted MND and were incorporated into the design of the Carriage House included in the approved project. The proposed subsequent improvements would be subject to the mitigation identified in the previously adopted MND and the ground improvement methods would also be incorporated into the design and implemented during construction of the Crestmore Conference Center and associated improvements.

In addition to liquefaction potential, the 2004 geotechnical investigation evaluated fault parameters and deterministic estimates of peak ground acceleration. However, the project site does not lie within a State of California, Alquist-Priolo Earthquake Fault Zone. The nearest fault

segment to the project site is a segment of the San Jacinto Fault System and is located 10 miles east and northeast of the site. After evaluation of the delineated fault lines within U.S. Geological Survey (USGS) and California Division of Mines and Geology maps, the geotechnical investigation determined that surface fault rupture is unlikely at the project site. Additionally, it was determined that potential hazards at the project site regarding landslides, volcanoes, tsunamis, sieches, and flooding are unlikely. Consequently, the proposed subsequent improvements would result in no new impacts related to exposure of people or structures to seismic-related ground failure, landslides, lateral spreading, subsidence, liquefaction or collapse. Therefore, these improvements would not affect the findings of the previously adopted MND as related to geology and soils.

VII. GREENHOUSE GAS EMISSIONS -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in one or more effects related to environmental effects associated with greenhouse gas (GHG) emissions or compliance with applicable plans, policies or regulations adopted for the purpose of reducing GHG emissions?

Yes

No

The previously adopted MND did not include an analysis of impacts to GHG emissions, as it was prepared prior to the CEQA amendments requiring GHG analyses. A discussion of potential impacts to GHG emissions is included in the discussion below.

As described in Section III, *Air Quality*, the project site is located within the South Coast Air Basin. The SCAQMD has not yet approved a threshold of significance for GHG emissions. As such, the significance threshold considered in this document is based on the work of the California Air Pollution Control Officers Association (CAPCOA). CAPCOA investigated a variety of analytical procedures and ranges of what would be considered significant for a project, and suggests a conservative screening criteria threshold of 900 metric tons per year of carbon dioxide equivalent (MT/yr CO₂e) for a development project to be considered potentially significant. Other thresholds that could be used and have been considered outside of SCAQMD documentation include a 10,000 MT/yr CO₂e measurement by the Market Advisory Committee, or the highest considered threshold of 50,000 MT/yr CO₂e by CAPCOA for large-scale construction projects. As land uses within the project site would be developed for commercial development and community open space, the most conservative threshold option of 900 MT/yr CO₂e is appropriate (CAPCOA 2008).

Construction of the proposed subsequent improvements would generate approximately 129.45 MT/yr CO₂e over the short-term related to operation of construction equipment (see Appendix B). In addition, operational activities associated with the Crestmore Conference Center would emit GHGs from maintenance landscaping activities, air conditioning and heating, and vehicular traffic. These activities would result in approximately 500.33 MT/yr CO₂e, which is well below the conservative CAPCOA significance threshold of 900 MT/yr CO₂e.

As further discussed in Section XVI, *Transportation and Traffic*, the proposed subsequent improvements would not result in a substantial increase of traffic or transportation; vehicle trips generated by the Crestmore Conference Center may generate incrementally greater GHG emissions compared to existing conditions. However, as described in Section III, *Air Quality*, these

emissions would be partially offset by County Departments and other nearby residents having access to a local space for meetings and events, which could reduce overall VMT. Energy would be used to operate air conditioning and heating units as well as lighting; however, installation and operation of these amenities would not exceed the capacities of existing infrastructure facilities, and thus would not necessitate an expansion or construction of facilities that may contribute to GHG emissions. Further, similar to criteria pollutant emissions, GHG emissions anticipated from the proposed subsequent improvements would be minor in comparison to the GHG significance thresholds proposed by CAPCOA and below those adopted to date by any air district in the state. Minimal grading would be required to implement the improvements associated with the proposed subsequent improvements. Further, construction equipment would be stored and would remain on-site, which would result in fewer construction vehicle trips, and associated GHG emissions. Therefore, the impacts related to GHG would be less than significant.

VIII. HAZARDS AND HAZARDOUS MATERIALS -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in one or more effects from hazards and hazardous materials including: creation of a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes; creation of a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment; production of hazardous emissions or handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school; location on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 creating a hazard to the public or the environment; location within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport; within the vicinity of a private airstrip resulting in a safety hazard for people residing or working in the project area; impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; and/or exposure of people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

Yes

No

The proposed subsequent improvements, including the construction of the Crestmore Conference Center, would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; and/or expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands. The previously adopted MND describes that the project site is located within the Flabob Airport Land Use Plan, in Compatibility "Zone D", and is within 2 miles of the public use airport. However, the project site is not located within the flight path of the airport. Highly noise-sensitive outdoor uses and hazards to flight are prohibited in this compatibility zone. The proposed subsequent improvements do not include any changes that would cause visual or electronic interference to aircraft using Flabob Airport, and therefore would not be a hazard to flight. According to the Riverside County Airport Land Use Compatibility Plan, Zone D allows an average of 100 people per acre and a maximum of 300 people per any individual acre of a site. The proposed subsequent improvements would expand an existing public meeting space which would hold a maximum of 139 people. As such, the

proposed Crestmore Conference Center would not exceed the maximum density/intensity threshold under the Flabob Airport compatibility criteria. The proposed subsequent improvements would not produce hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste. Consequently, no hazardous materials would be produced or handled within 0.25 mile of an existing or proposed school. Additionally, the proposed improvements would not involve a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials. Therefore, these improvements would not affect the findings of the previously adopted MND as related to hazards and hazardous materials.

IX. HYDROLOGY AND WATER QUALITY -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to hydrology and water quality including: violation of any waste discharge requirements; an increase in any listed pollutant to an impaired water body listed under section 303(d) of the CWA; cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses; substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level; substantially alter the existing drainage pattern of the site or area in a manner which would result in substantial erosion, siltation or flooding on- or off-site; create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems; provide substantial additional sources of polluted runoff; place housing or other structures which would impede or redirect flood flows within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, including County Floodplain Maps; expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam; and/or inundation by seiche, tsunami, or mudflow?

Yes

No

The District Headquarters does not contain any natural surface water features. The nearest natural surface water feature is the Santa Ana River located over 1,000 feet to the south. As such, the previously adopted MND identified no significant impacts to hydrology and water quality resulting from implementation the approved project. The proposed subsequent improvements would not result in placement of housing within a 100-year flood hazard area; placement of structures within a 100-year flood hazard area that would impede or redirect flood flows; exposure of people or structures to a significant risk involving flooding, including flooding as a result of the failure of a levee or dam; or inundation by seiche, tsunami, or mudflow. With the implementation of standard best management practices (e.g., soil stockpiling, landscaped planters, etc.), construction of the proposed Crestmore Conference Center and associated improvements would not result in a violation of waste discharge requirements; contribution to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses; an increase in any pollutant for which the water body is already impaired or a tributary to an impaired water body; creation or contribution of runoff that would exceed capacity of existing or planned storm water drainage systems; substantial alteration of the existing drainage pattern of the site or area that would result in substantial erosion or siltation on- or off-site; or provision of substantial additional sources of polluted runoff. Locally, expansion of the parking lot would result

in an additional 5,630 sf of impervious pavement. However, this minor addition of impermeable pavements would not have any measurable impact on regional groundwater recharge. (The proposed realignment of the internal access road would simply relocate an existing roadway and would not add any additional impermeable pavements.) Overall, the proposed subsequent improvements would not affect the findings of the approved MND related to hydrology and water quality.

X. LAND USE AND PLANNING -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to land use and planning including: physically dividing an established community; and/or conflicts with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect?

Yes

No

The previously adopted MND identifies no impacts to land use as existing land uses associated with the approved project (e.g., the construction of the Carriage House) were found to be consistent with the existing land uses at the District Headquarters. Similarly, implementation of the proposed subsequent improvements would result in an expanded conference room building and expanded parking lot. As such, there would be no change in existing land uses at the District Headquarters. Further, the proposed improvements would not physically divide an established community or conflict with any applicable land use plans, policies, or regulations. Therefore, the proposed subsequent improvements would not affect the findings of the previously adopted MND as related to land use and planning.

XI. MINERAL RESOURCES -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause one or more effects to mineral resources including: the loss of availability of a known mineral resource that would be of value to the region and the residents of the state; and/or loss of locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

Yes

No

The previously adopted MND identifies no impacts to mineral resources associated with the loss of availability of a known mineral resource that would be of value to the region and the residents of the state; and/or loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan. No mineral resources of value are located within the project site and the project site is not near an existing mining operation. The proposed subsequent improvements would be implemented within previously disturbed or developed areas and would not reduce access to nor availability of mineral resources. Therefore, the proposed subsequent improvements would not affect the findings of the previously adopted MND as related to mineral resources.

XII. NOISE -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in one or more effects from noise including: exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies; exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels; a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project; a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project; for projects located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, or for projects within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

Yes

No

The previously adopted MND identifies no impacts related to noise. As with the approved project, implementation of the proposed subsequent improvements would result in minor short-term, temporary noise from construction activities. Demolition of the existing Garden House and construction of the proposed Crestmore Conference Center and associated improvements would result in a nominal temporary increase in on-site construction noise due to the operation of heavy equipment. The closest sensitive receptors to the project are residences located more than 1,000 feet across Crestmore Road. The dominant source of noise affecting these residences is traffic along Crestmore Road. Further, these residences are separated from the adjacent road by a masonry wall, which attenuates roadway noise. As such, construction activities at the District Headquarters are not likely to measurably affect these residences. In addition, to the maximum extent practicable, all construction activities associated with the proposed improvements would be consistent with County Ordinance No. 847, which establishes countywide noise regulations including limitations on the noise level allowable between the hours of 7:00am – 10:00pm and 10:00pm – 7:00pm. Consistency with the noise ordinance would further reduce construction-related noise impacts to a less than significant level.

Although the proposed Crestmore Conference Center would be used for meetings and events, it is anticipated that the new facility would not result in a substantial change in the total number or type of event that is hosted at the District Headquarters. Rather, the proposed Crestmore Conference Center would simply provide a more adequately configured event space compared to the Garden Center. As such, noise associated with the proposed subsequent improvements would be consistent with the existing conditions. Flabob Airport, located approximately 0.6 miles north of the project site, caters to private, single engine aircraft. The project site is not currently adversely affected by the noise from Flabob Airport and as the existing uses of the site would remain the same, future operations at the project site would not be impacted by the noise from Flabob Airport. The nearest highway to the project site is Highway 60, which is located approximately 1.5 miles away. Further, there are residential, commercial, and open space land uses between the project site and the highway. Therefore, the proposed subsequent improvement would not affect the findings of the previously adopted MND as related to noise

XIII. POPULATION AND HOUSING -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in one or more effects

to population and housing including displacing substantial numbers of existing housing or people, necessitating the construction of replacement housing elsewhere?

Yes

No

The previously adopted MND identifies a less than significant impact to the Jurupa Valley Redevelopment Project Area. The proposed subsequent improvements would also be located within the Jurupa Valley Redevelopment Project Area, but would also have a less than significant impact. The proposed subsequent improvements would not impact population and housing and would not result in growth in an area, either directly or indirectly. Additionally, implementation of these improvements would not affect existing housing or necessitate the construction of replacement housing elsewhere in the region. Therefore, the proposed subsequent improvements would not affect the conclusions of the previously adopted MND as related to population and housing

XIV. PUBLIC SERVICES -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in one or more substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: fire protection, police protection, schools, parks, or other public facilities?

Yes

No

The previously adopted MND identifies no impact to public services. The proposed subsequent improvements would not adversely impact public services and would not result in impacts related to the need for new or physically altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives of any of the public services. The proposed Crestmore Conference Center would replace an existing conference room at the project site and would allow the District to provide enhanced services to the citizens of Riverside County. The proposed subsequent improvements would support recreational use and would not create the need for additional school capacity, library, or health services. Therefore, these improvements would not affect the findings of the previously adopted MND as related to public services.

XV. RECREATION -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in an increase in the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated; or that include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

Yes

No

The previously adopted MND identifies no adverse impacts to recreation. The proposed subsequent improvements would not result in an increase in the use of existing parks or other recreational facilities, such that physical deterioration of the facility would occur or be accelerated. The proposed improvements would expand the existing conference room space at the District Headquarters, which would provide an overall enhancement in recreation services and amenities at the District Headquarters. Therefore, the proposed subsequent improvements would not affect the findings of the previously adopted MND as related to recreation.

XVI. TRANSPORTATION/TRAFFIC -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause effects to transportation/traffic including: an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system; exceedance, either individually or cumulatively, of a level of service standard established by the county congestion management agency for designated roads or highways; a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks; substantial increase in hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); inadequate emergency access; inadequate parking capacity; and/or a conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

Yes

No

The previously adopted MND identifies no impacts to construction- or operations-related impacts to transportation/traffic. The proposed subsequent improvements would involve demolition of the existing 1,100-sf Garden House, construction of the proposed 4,129-sf Crestmore Conference Center, expansion of a parking lot, and minor internal roadway realignment. As such, these improvements would not conflict with adopted policies, plans, or programs supporting alternative transportation or result in impacts associated with a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks; substantial increase in hazards due to a design feature or incompatible uses; inadequate emergency access; and inadequate parking capacity. During the 9- to 12-month construction period, there would be a minor increase in traffic associated with construction worker commutes and heavy haul truck trips (e.g., delivery of construction materials). However, heavy construction equipment would remain on-site for the entirety of the construction period, which would result in negligible increased vehicular trips. The proposed subsequent improvements would not involve an increase in traffic that is substantial in relation to the existing traffic load and capacity of the street system; The improvements, including vehicles trips



Crestmore Road is a relatively lightly traveled four-lane roadway, with a dedicated-left turn pocket entering the District Headquarters. The operation of the proposed Crestmore Conference Center would not result in roadway or intersection delays along this roadway or surrounding roadways.

associated with events at the proposed Crestmore Conference Center, would not exceed, either individually or cumulatively, the level of service standard established by the Riverside County congestion management agency for designated roads or highways (i.e., Riverside County Transportation Commission). Crestmore Road has adequate capacity to support minor increases in vehicles trips, particularly during the weekends when events at the District Headquarters are most often scheduled. As such, the proposed subsequent improvements would not change the classification level of impacts to transportation/traffic when compared to the previously approved project. Therefore, these improvements would not affect the findings of the previously adopted MND as related to transportation/traffic.

XVII. UTILITIES AND SERVICE SYSTEMS -- Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that cause effects to utilities and service systems including: exceedance of wastewater treatment requirements of the applicable Regional Water Quality Control Board; require or result in the construction of new water or wastewater treatment facilities, new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects; require new or expanded entitlements to water supplies or new water resources to serve the project; result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments; be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs; and/or noncompliance with federal, state, and local statutes and regulations related to solid waste?

Yes

No

The previously adopted MND identified no adverse impacts to utilities and service systems. As with the approved project, the proposed subsequent improvements would not impact utilities and service systems including exceeding wastewater treatment requirements of the applicable Regional Water Quality Control Board (RWQCB); requiring or resulting in the construction of new water or wastewater treatment facilities or expansion of existing facilities; requiring new or expanded entitlements to water supplies or new water resources to serve the project; resulting in a determination by the wastewater treatment provider that it has adequate capacity to serve the subsequent proposed improvement's projected demand in addition to the provider's existing commitments; being served by a landfill with sufficient permitted capacity to accommodate the subsequent proposed improvement's solid waste disposal needs; and complying with federal, state, and local statutes and regulations related to solid waste.

The entire Riverside County Park and Open Space District Headquarters site is currently connected to community water and sewer services through the Rubidoux Community Services District. The proposed Crestmore Conference Center would replace an existing conference room located in the existing Garden House and expand on an existing parking lot, as well as result in minor realignment of the internal access road. As such, the proposed subsequent improvements would not generate demand for additional water or sewer facilities, and would not generate a substantial increase in solid waste generation. The previously adopted MND concluded that the approved project, including the construction of the Carriage House, would not require the expansion or construction of any new utilities facilities or require additional governmental services. Further, the previously adopted MND concluded that the approved project would not directly affect

any of the factors used in predicting either regional population figures or the distribution of that population, and is therefore not growth inducing. Similarly, the subsequent improvements are not growth-inducing and would not accommodate populations or housing that would create a higher demand on utilities and service systems. Therefore, the proposed subsequent improvements would not have a significant effect on utilities and services systems and would not affect the findings of the previously adopted MND as related to utilities/service systems.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE: Since the previous EIR was certified or previous ND was adopted, are there any changes in the project, changes in circumstances under which the project is undertaken and/or "new information of substantial importance" that result in any mandatory finding of significance listed below?

Does the project degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Yes

No

The proposed subsequent improvements, including demolition of the Garden House, construction of the Crestmore Conference Center, expansion of the existing surface parking lot, and realignment of the internal access road, would not affect the findings of the approved MND. There is no riparian or wetland habitat on the project site. The nearest riparian habitat to the project site is the Santa Ana River, which is located more than 1,000 feet south and east of the project site. The proposed subsequent improvement would be located on previously developed land, with the exception of the parking lot expansion which is located on previously disturbed land characterized by ruderal vegetation. As discussed in Section IV, *Biological Resources*, a site visit was conducted by Ron Baxter, Natural Resources Manager for Riverside County, on January 12, 2004. No potential impacts to biological resources were identified during this site visit. Therefore, it is not expected that the project changes would impact nearby fish, wildlife, plants, or natural communities.

The Garden House was evaluated for historical significance by Mr. Keith Herron, the previous County Historic Preservation Officer (retired) (see Appendix A). It was determined that the key character defining feature (fenestration on the front façade) was significantly altered after installation of the window and glass door combinations in 2009. Other changes to the property, including removal of the pool, alterations to the courtyard, and construction of the Carriage House addition, have all significantly altered the surrounding landscape of the main house and severely compromised any historical integrity of the property beyond the main house. Consequently, it was

determined that the Garden House does not hold any significant historical importance. Per the recommendations of Mr. Keith Herron, the District has photo documented the Garden House and archived as-built drawings of the original construction.

The proposed subsequent improvements are not anticipated to result in impacts that are individually limited, but cumulatively considerable. Within the City of Riverside, there are approximately 23 pending projects within 3 miles of the proposed Crestmore Conference Center, including five commercial developments, five residential complexes (e.g., senior housing and multi-family residential), four restaurants, three mixed use developments, and two hotels. In addition, cumulative projects within the City of Riverside include rezoning, lot line adjustments, and parcel subdivision or consolidation (Per. Comm. Harper-Scott 2018). In the City of Jurupa Valley, there are 19 pending projects and 34 project plans recently approved or under construction. A majority of these projects are commercial and residential developments, along with a few medical, industrial, and gas stations (Per. Comm. Campbell 2018). Residential and commercial development in the City of Riverside and the City of Jaraupa Valley could result in potential impacts to air quality, geology and soils, noise, population and housing, public services, recreation, transportation and traffic, and utilities and service systems. Additionally, the proposed gas station could also result in potential impacts to biological resources, geology and soils, GHG emissions, hazards and hazardous materials, and hydrology and water quality. However, these various pending projects are subject to design and plan reviews as well as environmental review pursuant to CEQA, which would limit potential project-related impacts. Further, due to the small scale of the proposed subsequent improvements at the District Headquarters and the overall lack of Project impacts, construction of the proposed Crestmore Conference Center would not substantially contribute to any cumulatively considerable impacts.

3.0 REFERENCES

- California Air Pollution Control Officers Association (CAPCOA). 2008. *CEQA and Climate Change*. Accessed: 22 July 2016. Retrieved from: <http://www.capcoa.org/wp-content/uploads/2012/03/CAPCOA-White-Paper.pdf>
- Landmark Consultants, Inc. 2004. 'Geotechnical Investigation Proposed District Headquarters Expansion' (No. LP03068).
- Riverside County Regional Park and Open-Space District. 2005a. *Environmental Assessment Form: Initial Study*.
- . 2005b. *Mitigated Negative Declaration for the Riverside County Park and Open-Space District Headquarters Expansion Project*.
- U.S. Environmental Protection Agency (USEPA). 2017. *USEPA Green Book | Sections of the Clean Air Act*. Accessed: 28 July 2017. Retrieved from: <https://www3.epa.gov/airquality/greenbook/caa-t1p.html>



Riverside County Regional Park and Open-Space District

Scott Bangle, Parks Director/General Manager | Kyla Brown, Assistant Director

To whom it may concern,

This letter is to provide historical information on the Crestmore Manor property which is owned and operated by the Riverside County Regional Park and Open-Space District. The facility operates as a regional event center and houses the District's headquarters offices.

The house was constructed in the early 1950's as a simplified version of a colonial revival. Originally the property included a pool just to the west of the main house and a pool house on the north side of the pool. The pool house does not echo any of the colonial exterior details of the main house, it was a utilitarian building with a "game room", two shower rooms, and a small mechanical chase.

The pool house has undergone significant remodels over the years including conversion of shower rooms to restrooms, conversion of game room to a conference room, replacement of all light fixtures, and complete replacement of doors and windows. Fenestration on the front facade--the key character defining feature--was totally changed when window and glass door combinations were installed in 2009.

Removal of the pool, changes to the courtyard, and construction of the Carriage House addition in 2009 have all greatly altered surrounding landscape and severely compromised any historical integrity of the property beyond the main house.

The pool house does not hold any significant historical importance and the recommendation is to photo document the structure prior to demo. Measured drawings already exist.

Keith Herron

Retired

Historic Preservation Office; Bureau Chief - Resources and Planning



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Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	4.00	1000sqft	0.09	4,005.00	0
Parking Lot	63.00	Space	0.54	23,430.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10	Operational Year	2018		

Utility Company Southern California Edison

CO2 Intensity (lb/MW/hr)	702.44	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot acreage for the parking expansion was estimated using the building site plans and measuring on Google Earth. Minor road configuration south of the proposed building is included in parking lot acreage.

Construction Phase - Construction associated with the parking expansion and road reconfiguration are included into paving and architectural coating phases.

Demolition -

Grading - No material will be imported or exported but the site will be leveled during site preparation. Therefore, the total area to be leveled during site preparation is included.

Vehicle Trips - The new building will generate a conservative estimate of 300 trips per day.

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	8.00
tblConstructionPhase	NumDays	100.00	150.00
tblConstructionPhase	NumDays	10.00	17.00
tblConstructionPhase	NumDays	2.00	17.00
tblConstructionPhase	NumDays	5.00	17.00
tblConstructionPhase	NumDays	1.00	9.00
tblGrading	AcresOfGrading	4.50	0.63
tblLandUse	LandUseSquareFeet	4,000.00	4,005.00
tblLandUse	LandUseSquareFeet	25,200.00	23,430.00
tblLandUse	LotAcreage	0.57	0.54
tblVehicleTrips	ST_TR	0.00	74.90
tblVehicleTrips	SU_TR	0.00	74.90
tblVehicleTrips	WD_TR	27.92	74.90

2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2018	3-31-2018	0.3652	0.3652
2	4-1-2018	6-30-2018	0.4136	0.4136
3	7-1-2018	9-30-2018	0.4141	0.4141
		Highest	0.4141	0.4141

**2.2 Overall Operational
Unmitigated Operational**

Category	tons/yr													MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e		
Area	0.0183	1.0000e-005	8.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003	
Energy	7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	15.5027	15.5027	6.2000e-004	1.4000e-004	1.4000e-004	15.5600	
Mobile	0.1179	0.9506	1.4351	5.0500e-003	0.3533	5.9400e-003	0.3593	0.0947	5.6200e-003	0.1003	0.0000	466.4993	466.4993	0.0273	0.0000	0.0000	467.1828	
Waste					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.6282	0.0000	4.6282	0.2735	0.0000	0.0000	11.4662	
Water					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.2521	5.0208	5.2729	0.0261	6.5000e-004	6.5000e-004	6.1204	
Total	0.1362	0.9513	1.4366	5.0500e-003	0.3533	5.9900e-003	0.3593	0.0947	5.6700e-003	0.1004	4.8803	487.0246	491.9049	0.3276	7.9000e-004	7.9000e-004	500.3311	

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2.2 Overall Operational

Mitigated Operational

Category	t/yr											MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Area	0.0183	1.0000e-005	8.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.6600e-003	0.0000	0.0000	0.0000	0.0000	1.7800e-003
Energy	7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	15.5027	6.2000e-004	1.4000e-004	1.4000e-004	15.5600	15.5600
Mobile	0.1179	0.9506	1.4351	5.0500e-003	0.3533	5.9400e-003	0.3593	0.0947	5.6200e-003	0.1003	0.0000	466.4993	0.0273	0.0000	0.0000	467.1828	467.1828
Waste						0.0000	0.0000		0.0000	0.0000	4.6282	0.0000	4.6282	0.2735	0.0000	11.4662	11.4662
Water						0.0000	0.0000		0.0000	0.0000	0.2521	5.0208	5.2729	0.0261	6.5000e-004	6.1204	6.1204
Total	0.1362	0.9513	1.4366	5.0500e-003	0.3533	5.9900e-003	0.3593	0.0947	5.6700e-003	0.1004	4.8803	487.0246	0.3276	7.9000e-004	500.3311	500.3311	500.3311

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

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days /week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2018	1/23/2018	5	17	
2	Site Preparation	Site Preparation	1/24/2018	2/5/2018	5	9	
3	Grading	Grading	2/6/2018	2/28/2018	5	17	
4	Building Construction	Building Construction	3/1/2018	9/26/2018	5	150	
5	Paving	Paving	9/27/2018	10/19/2018	5	17	
6	Architectural Coating	Architectural Coating	10/20/2018	10/31/2018	5	8	

Acres of Grading (Site Preparation Phase): 0.63

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.54

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,008; Non-Residential Outdoor: 2,003; Striped Parking Area: 1,406
 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMI

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	8.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	11.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

3.2 Demolition - 2018

Unmitigated Construction On-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					8.6000e-004	0.0000	8.6000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0500e-003	0.0802	0.0661	1.0000e-004	5.2900e-003	5.2900e-003	5.2900e-003	5.0500e-003	5.0500e-003	5.0500e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	9.0604
Total	9.0500e-003	0.0802	0.0661	1.0000e-004	8.6000e-004	5.2900e-003	6.1500e-003	1.3000e-004	5.0500e-003	5.1800e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	9.0604

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3.2 Demolition - 2018

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.0000e-005	1.1200e-003	1.4000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2957	0.2957	2.0000e-005	0.0000	0.2962
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.5000e-004	3.6000e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.8326	0.8326	2.0000e-005	0.0000	0.8332
Total	4.8000e-004	1.4700e-003	3.7400e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0100e-003	2.7000e-004	1.0000e-005	2.7000e-004	0.0000	1.1283	1.1283	4.0000e-005	0.0000	1.1295

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					8.6000e-004	0.0000	8.6000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0500e-003	0.0802	0.0661	1.0000e-004	5.2900e-003	5.2900e-003	5.2900e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	9.0604
Total	9.0500e-003	0.0802	0.0661	1.0000e-004	8.6000e-004	5.2900e-003	6.1500e-003	1.3000e-004	5.0500e-003	5.1800e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	9.0604

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3.2 Demolition - 2018

Mitigated Construction Off-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	2.0000e-005	1.1200e-003	1.4000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2957	0.2957	2.0000e-005	0.0000	0.2962
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.5000e-004	3.6000e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.8326	0.8326	2.0000e-005	0.0000	0.8332
Total	4.8000e-004	1.4700e-003	3.7400e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0100e-003	2.7000e-004	1.0000e-005	2.7000e-004	0.0000	1.1283	1.1283	4.0000e-005	0.0000	1.1295

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					3.3000e-004	0.0000	3.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5400e-003	0.0439	0.0191	4.0000e-005	1.8800e-003	1.8800e-003	1.8800e-003	1.7300e-003	0.0000	1.7300e-003	0.0000	4.0118	4.0118	1.2500e-003	0.0000	4.0430
Total	3.5400e-003	0.0439	0.0191	4.0000e-005	3.3000e-004	1.8800e-003	2.2100e-003	1.7300e-003	1.8800e-003	1.7700e-003	0.0000	4.0118	4.0118	1.2500e-003	0.0000	4.0430

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3.3 Site Preparation - 2018
Unmitigated Construction Off-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	9.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2204	0.2204	1.0000e-005	0.0000	0.2206
Total	1.2000e-004	9.0000e-005	9.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2204	0.2204	1.0000e-005	0.0000	0.2206

Mitigated Construction On-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					3.3000e-004	0.0000	3.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5400e-003	0.0439	0.0191	4.0000e-005	1.8800e-003	1.8800e-003	1.7300e-003	1.7300e-003	0.0000	1.7300e-003	0.0000	4.0118	4.0118	1.2500e-003	0.0000	4.0430
Total	3.5400e-003	0.0439	0.0191	4.0000e-005	3.3000e-004	1.8800e-003	2.2100e-003	4.0000e-005	1.7300e-003	1.7700e-003	0.0000	4.0118	4.0118	1.2500e-003	0.0000	4.0430

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3.3 Site Preparation - 2018

Mitigated Construction Off-Site

Category	tons/yr											MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	9.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2204	0.2204	1.0000e-005	0.0000	0.0000	0.2206
Total	1.2000e-004	9.0000e-005	9.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2204	0.2204	1.0000e-005	0.0000	0.0000	0.2206

3.4 Grading - 2018

Unmitigated Construction On-Site

Category	tons/yr											MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Fugitive Dust					6.4000e-003	0.0000	6.4000e-003	3.5200e-003	0.0000	3.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0500e-003	0.0802	0.0661	1.0000e-004	5.2900e-003	5.2900e-003	5.2900e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	0.0000	9.0604
Total	9.0500e-003	0.0802	0.0661	1.0000e-004	6.4000e-003	5.2900e-003	0.0117	3.5200e-003	5.0500e-003	8.5700e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	0.0000	9.0604

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3.4 Grading - 2018

Unmitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.5000e-004	3.6000e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.8326	0.8326	2.0000e-005	0.0000	0.8332
Total	4.6000e-004	3.5000e-004	3.6000e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.8326	0.8326	2.0000e-005	0.0000	0.8332

Mitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					6.4000e-003	0.0000	6.4000e-003	3.5200e-003	0.0000	3.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0500e-003	0.0802	0.0661	1.0000e-004	5.2900e-003	5.2900e-003	5.2900e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	9.0604
Total	9.0500e-003	0.0802	0.0661	1.0000e-004	6.4000e-003	5.2900e-003	0.0117	3.5200e-003	5.0500e-003	8.5700e-003	0.0000	9.0169	9.0169	1.7400e-003	0.0000	9.0604

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3.4 Grading - 2018

Mitigated Construction Off-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.5000e-004	3.6000e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.8326	0.8326	2.0000e-005	0.0000	0.8332
Total	4.6000e-004	3.5000e-004	3.6000e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.8326	0.8326	2.0000e-005	0.0000	0.8332

3.5 Building Construction - 2018

Unmitigated Construction On-Site

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Off-Road	0.0814	0.8274	0.5813	8.5000e-004	0.0532	0.0532	0.0532	0.0489	0.0489	0.0489	0.0000	78.0087	78.0087	0.0243	0.0000	78.6159
Total	0.0814	0.8274	0.5813	8.5000e-004	0.0532	0.0532	0.0532	0.0489	0.0489	0.0489	0.0000	78.0087	78.0087	0.0243	0.0000	78.6159

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3.5 Building Construction - 2018
Unmitigated Construction Off-Site

Category	tons/yr											MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0370	7.5600e-003	8.0000e-005	1.8900e-003	3.1000e-004	2.2000e-003	5.5000e-004	2.9000e-004	8.4000e-004	0.0000	7.4779	7.4779	6.6000e-004	0.0000	7.4943	7.4943
Worker	4.4800e-003	3.3800e-003	0.0349	9.0000e-005	9.0700e-003	6.0000e-005	9.1300e-003	2.4100e-003	5.0000e-005	2.4600e-003	0.0000	8.0812	8.0812	2.4000e-004	0.0000	8.0872	8.0872
Total	5.6000e-003	0.0404	0.0425	1.7000e-004	0.0110	3.7000e-004	0.0113	2.9600e-003	3.4000e-004	3.3000e-003	0.0000	15.5590	15.5590	9.0000e-004	0.0000	15.5815	15.5815

Mitigated Construction On-Site

Category	tons/yr											MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.0814	0.8274	0.5813	8.5000e-004		0.0532	0.0532		0.0489	0.0489	0.0000	78.0087	78.0087	0.0243	0.0000	78.6158	78.6158
Total	0.0814	0.8274	0.5813	8.5000e-004		0.0532	0.0532		0.0489	0.0489	0.0000	78.0087	78.0087	0.0243	0.0000	78.6158	78.6158

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3.5 Building Construction - 2018

Mitigated Construction Off-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0370	7.5600e-003	8.0000e-005	1.8900e-003	3.1000e-004	2.2000e-003	5.5000e-004	2.9000e-004	8.4000e-004	0.0000	7.4779	7.4779	6.6000e-004	0.0000	7.4943
Worker	4.4800e-003	3.3800e-003	0.0349	9.0000e-005	9.0700e-003	6.0000e-005	9.1300e-003	2.4100e-003	5.0000e-005	2.4600e-003	0.0000	8.0812	8.0812	2.4000e-004	0.0000	8.0872
Total	5.6000e-003	0.0404	0.0425	1.7000e-004	0.0110	3.7000e-004	0.0113	2.9600e-003	3.4000e-004	3.3000e-003	0.0000	15.5590	15.5590	9.0000e-004	0.0000	15.5815

3.6 Paving - 2018

Unmitigated Construction On-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Off-Road	7.8200e-003	0.0743	0.0614	1.0000e-004	4.3400e-003	4.3400e-003	4.3400e-003	4.0200e-003	4.0200e-003	4.0200e-003	0.0000	8.2519	8.2519	2.3300e-003	0.0000	8.3101
Paving	7.1000e-004				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.5300e-003	0.0743	0.0614	1.0000e-004	4.3400e-003	4.3400e-003	4.3400e-003	4.0200e-003	4.0200e-003	4.0200e-003	0.0000	8.2519	8.2519	2.3300e-003	0.0000	8.3101

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3.6 Paving - 2018

Unmitigated Construction Off-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.3000e-004	6.4800e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4987	1.4987	4.0000e-005	0.0000	1.4998
Total	8.3000e-004	6.3000e-004	6.4800e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4987	1.4987	4.0000e-005	0.0000	1.4998

Mitigated Construction On-Site

Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Off-Road	7.8200e-003	0.0743	0.0614	1.0000e-004	4.3400e-003	4.3400e-003	4.3400e-003	4.0200e-003	4.0200e-003	4.0200e-003	0.0000	8.2519	8.2519	2.3300e-003	0.0000	8.3101
Paving	7.1000e-004				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.5300e-003	0.0743	0.0614	1.0000e-004	4.3400e-003	4.3400e-003	4.3400e-003	4.0200e-003	4.0200e-003	4.0200e-003	0.0000	8.2519	8.2519	2.3300e-003	0.0000	8.3101

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3.6 Paving - 2018

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	(tons/yr)			(MT/yr)					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.3000e-004	6.4800e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	1.4987	4.0000e-005	0.0000	1.4987	4.0000e-005	0.0000	1.4998
Total	8.3000e-004	6.3000e-004	6.4800e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	1.4987	4.0000e-005	0.0000	1.4987	4.0000e-005	0.0000	1.4998

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	(tons/yr)			(MT/yr)					CO2e				
					Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2		Total CO2	CH4	N2O	
Archit. Coating	0.0218					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1900e-003	8.0200e-003	7.4200e-003	1.0000e-005	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	1.0213	1.0000e-004	0.0000	1.0213	1.0000e-004	0.0000	1.0237
Total	0.0230	8.0200e-003	7.4200e-003	1.0000e-005	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	1.0213	1.0000e-004	0.0000	1.0213	1.0000e-004	0.0000	1.0237

RivCoParks CEQA Addendum - Riverside-South Coast County, Annual

3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	3.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0784	0.0784	0.0000	0.0000	0.0000	0.0784
Total	4.0000e-005	3.0000e-005	3.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0784	0.0784	0.0000	0.0000	0.0000	0.0784

Mitigated Construction On-Site

Category	tons/yr										MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Archit. Coating	0.0218					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1900e-003	8.0200e-003	7.4200e-003	1.0000e-005	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	0.0000	1.0213	1.0213	1.0000e-004	0.0000	0.0000	1.0237
Total	0.0230	8.0200e-003	7.4200e-003	1.0000e-005	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	6.0000e-004	0.0000	1.0213	1.0213	1.0000e-004	0.0000	0.0000	1.0237

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3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

Category	tons/yr											MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	3.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0784	0.0784	0.0000	0.0000	0.0000	0.0784
Total	4.0000e-005	3.0000e-005	3.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0784	0.0784	0.0000	0.0000	0.0000	0.0784

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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Category	tons/yr											MT/yr				
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2s
Mitigated	0.1179	0.9506	1.4351	5.0500e-003	0.3533	5.9400e-003	0.3593	0.0947	5.6200e-003	0.1003	0.0000	466.4993	466.4993	0.0273	0.0000	467.1828
Unmitigated	0.1179	0.9506	1.4351	5.0500e-003	0.3533	5.9400e-003	0.3593	0.0947	5.6200e-003	0.1003	0.0000	466.4993	466.4993	0.0273	0.0000	467.1828

4.2 Trip Summary Information

Land Use	Average Daily Trip/Rate			Unmitigated		Mitigated	
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT	Annual VMT	Annual VMT
Government (Civic Center)	299.60	299.60	299.60	925,204	925,204	925,204	925,204
Parking Lot	0.00	0.00	0.00				
Total	299.60	299.60	299.60	925,204	925,204	925,204	925,204

4.3 Trip Type Information

Land Use	Miles						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	Diversed	Pass-by	Primary	Diversed	Pass-by
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16	50	34	16
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	FHD	OBUS	UBUS	MCY	SBUS	MIF
Government (Civic Center)	0.527920	0.040740	0.182967	0.130733	0.020108	0.005812	0.016781	0.065303	0.001324	0.001284	0.004728	0.000989	0.001311
Parking Lot	0.527920	0.040740	0.182967	0.130733	0.020108	0.005812	0.016781	0.065303	0.001324	0.001284	0.004728	0.000989	0.001311

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	tons/yr										MT/yr					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Electricity Mitigated					0.0000		0.0000	0.0000		0.0000	0.0000	14.7611	6.1000e-004	1.3000e-004		14.8139
Electricity Unmitigated					0.0000		0.0000	0.0000		0.0000	0.0000	14.7611	6.1000e-004	1.3000e-004		14.8139
Natural Gas Mitigated	7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.7416	1.0000e-005	1.0000e-005		0.7460
Natural Gas Unmitigated	7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.7416	1.0000e-005	1.0000e-005		0.7460

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5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	NaturalGas Use KBTU/yr	tons/yr										MT/yr						
		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	TotalCO2	CH4	N2O	CO2e	
Government (Civic Center)	13897.4	7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.7416	0.7416	1.0000e-005	1.0000e-005	1.0000e-005	0.7460
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.7416	0.7416	1.0000e-005	1.0000e-005	1.0000e-005	0.7460

Mitigated

Land Use	NaturalGas Use KBTU/yr	tons/yr										MT/yr						
		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	TotalCO2	CH4	N2O	CO2e	
Government (Civic Center)	13897.4	7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.7416	0.7416	1.0000e-005	1.0000e-005	1.0000e-005	0.7460
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.0000e-005	6.8000e-004	5.7000e-004	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.7416	0.7416	1.0000e-005	1.0000e-005	1.0000e-005	0.7460

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
Government (Civic Center)	38127.6	12.1483	5.0000e-004	1.0000e-004	12.1917
Parking Lot	8200.5	2.6129	1.1000e-004	2.0000e-005	2.6222
Total		14.7611	6.1000e-004	1.2000e-004	14.8139

Mitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
Government (Civic Center)	38127.6	12.1483	5.0000e-004	1.0000e-004	12.1917
Parking Lot	8200.5	2.6129	1.1000e-004	2.0000e-005	2.6222
Total		14.7611	6.1000e-004	1.2000e-004	14.8139

6.0 Area Detail

6.1 Mitigation Measures Area

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Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
tons/yr																	
MT/yr																	
Mitigated	0.0183	1.0000e-005	8.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003
Unmitigated	0.0183	1.0000e-005	8.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003

6.2 Area by SubCategory

Unmitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
tons/yr																	
MT/yr																	
Architectural Coating	2.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0160					0.0000	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	0.0000	0.0000	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003
Total	0.0183	1.0000e-005	8.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003

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6.2 Area by SubCategory

Mitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
tons/yr																	
Architectural Coating	2.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0160					0.0000	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	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003
Total	0.0183	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6600e-003	1.6600e-003	0.0000	0.0000	0.0000	1.7800e-003

7.0 Water Detail

7.1 Mitigation Measures Water

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Category	MTH/yr			
	Total CO2	CH4	N2O	CO2e
Mitigated	5.2729	0.0261	6.5000e-004	6.1204
Unmitigated	5.2729	0.0261	6.5000e-004	6.1204

7.2 Water by Land Use

Unmitigated

Land Use	Indoor/Outdoor Use	MTH/yr			
		Total CO2	CH4	N2O	CO2e
Government (Civic Center)	0.794639 / 0.487037	5.2729	0.0261	6.5000e-004	6.1204
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		5.2729	0.0261	6.5000e-004	6.1204

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7.2 Water by Land Use

Mitigated

Land Use	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Government (Civic Center)	0.7946397	5.2729	0.0261	6.5000e-004	6.1204
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		5.2729	0.0261	6.5000e-004	6.1204

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

Category/Year	Total CO2	CH4	N2O	CO2e
Mitigated	4.6282	0.2735	0.0000	11.4662
Unmitigated	4.6282	0.2735	0.0000	11.4662

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8.2 Waste by Land Use

Unmitigated

Land Use	Waste Disposed tons	Total CO ₂ e MTWY		
		Total CO ₂	CH ₄	N ₂ O
Government (Civic Center)	22.8	4.6282	0.2735	0.0000
Parking Lot	0	0.0000	0.0000	0.0000
Total		4.6282	0.2735	0.0000

Mitigated

Land Use	Waste Disposed tons	Total CO ₂ e MTWY		
		Total CO ₂	CH ₄	N ₂ O
Government (Civic Center)	22.8	4.6282	0.2735	0.0000
Parking Lot	0	0.0000	0.0000	0.0000
Total		4.6282	0.2735	0.0000

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

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

**RivCoParks CEQA Addendum
Riverside-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot/Acreage	Floor Surface Area	Population
Parking Lot	63.00	Space	0.54	23,430.00	0
Government (Civic Center)	4.00	1000sqft	0.09	4,005.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2018

Utility Company Southern California Edison

CO2 Intensity (lb/MW/hr)	702.44	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot acreage for the parking expansion was estimated using the building site plans and measuring on Google Earth. Minor road configuration south of the proposed building is included in parking lot acreage.

Construction Phase - Construction associated with the parking expansion and road reconfiguration are included into paving and architectural coating phases.

Grading - No material will be imported or exported but the site will be leveled during site preparation. Therefore, the total area to be leveled during site preparation is included.

Demolition -

Vehicle Trips - The new building will generate a conservative estimate of 300 trips per day.

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	8.00
tblConstructionPhase	NumDays	100.00	150.00
tblConstructionPhase	NumDays	10.00	17.00
tblConstructionPhase	NumDays	2.00	17.00
tblConstructionPhase	NumDays	5.00	17.00
tblConstructionPhase	NumDays	1.00	9.00
tblConstructionPhase	PhaseEndDate	6/20/2018	10/31/2018
tblConstructionPhase	PhaseEndDate	6/6/2018	9/26/2018
tblConstructionPhase	PhaseEndDate	1/12/2018	1/23/2018
tblConstructionPhase	PhaseEndDate	1/17/2018	2/28/2018
tblConstructionPhase	PhaseEndDate	6/13/2018	10/19/2018
tblConstructionPhase	PhaseEndDate	1/15/2018	2/5/2018
tblConstructionPhase	PhaseStartDate	6/14/2018	10/20/2018
tblConstructionPhase	PhaseStartDate	1/18/2018	3/1/2018
tblConstructionPhase	PhaseStartDate	1/16/2018	2/6/2018
tblConstructionPhase	PhaseStartDate	6/7/2018	9/27/2018
tblConstructionPhase	PhaseStartDate	1/13/2018	1/24/2018
tblGrading	AcresOfGrading	21.50	0.63
tblLandUse	LandUseSquareFeet	25,200.00	23,430.00
tblLandUse	LandUseSquareFeet	4,000.00	4,005.00
tblLandUse	LotAcreage	0.57	0.54
tblVehicleTrips	ST_TR	0.00	74.90
tblVehicleTrips	SU_TR	0.00	74.90
tblVehicleTrips	WD_TR	27.92	74.90

2.0 Emissions Summary

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

2.2 Overall Operational
Unmitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Area	0.1002	6.0000e-005	6.9400e-003	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0147	0.0147	0.0147	4.0000e-005	4.0000e-005	0.0157
Energy	4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060
Mobile	0.6486	5.1330	7.6589	0.0271	1.9736	0.0329	2.0065	0.5282	0.0311	0.5594	2,762.1938	2,762.1938	2,762.1938	0.1699	0.1699	2,766.4419
Total	0.7493	5.1368	7.6690	0.0271	1.9736	0.0332	2.0068	0.5282	0.0314	0.5597		2,766.6878	2,766.6878	0.1701	8.0000e-005	2,770.9636

Mitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Area	0.1002	6.0000e-005	6.9400e-003	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0147	0.0147	0.0147	4.0000e-005	4.0000e-005	0.0157
Energy	4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060
Mobile	0.6486	5.1330	7.6589	0.0271	1.9736	0.0329	2.0065	0.5282	0.0311	0.5594	2,762.1938	2,762.1938	2,762.1938	0.1699	0.1699	2,766.4419
Total	0.7493	5.1368	7.6690	0.0271	1.9736	0.0332	2.0068	0.5282	0.0314	0.5597		2,766.6878	2,766.6878	0.1701	8.0000e-005	2,770.9636

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days/Week	Num Days	Phase Description
1	Demolition		1/1/2018	1/23/2018	5	17	
2	Site Preparation		1/24/2018	2/5/2018	5	9	
3	Grading		2/6/2018	2/28/2018	5	17	
4	Building Construction		3/1/2018	9/26/2018	5	150	
5	Paving		9/27/2018	10/19/2018	5	17	
6	Architectural Coating		10/20/2018	10/31/2018	5	8	

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days/Week	Num Days	Phase Description
1	Demolition		1/1/2018	1/23/2018	5	17	
2	Site Preparation		1/24/2018	2/5/2018	5	9	
3	Grading		2/6/2018	2/28/2018	5	17	
4	Building Construction		3/1/2018	9/26/2018	5	150	
5	Paving		9/27/2018	10/19/2018	5	17	
6	Architectural Coating		10/20/2018	10/31/2018	5	8	

Acres of Grading (Site Preparation Phase): 0.63

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.54

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,008; Non-Residential Outdoor: 2,003; Striped Parking Area: 1,406 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker/Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	8.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	11.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

3.2 Demolition - 2018

Unmitigated Construction On-Site

Category	lb/day										lb/day						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Fugitive Dust					0.1015	0.0000	0.1015	0.0154	0.0000	0.0154			0.0000				0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.350 2	1,169.350 2	0.2254			1,174.985 7
Total	1.0643	9.4295	7.7762	0.0120	0.1015	0.6228	0.7242	0.0154	0.5943	0.6097		1,169.350 2	1,169.350 2	0.2254			1,174.985 7

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3.2 Demolition - 2018

Unmitigated Construction Off-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	2.9200e-003	0.1295	0.0175	3.6000e-004	8.2300e-003	4.9000e-004	8.7200e-003	2.2600e-003	4.7000e-004	2.7300e-003		37.7966	37.7966	2.6800e-003			37.8635
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0588	0.0397	0.4020	1.0600e-003	0.1118	7.0000e-004	0.1125	0.0296	6.4000e-004	0.0303		105.2718	105.2718	3.1100e-003			105.3497
Total	0.0617	0.1692	0.4195	1.4200e-003	0.1200	1.1900e-003	0.1212	0.0319	1.1100e-003	0.0330		143.0684	143.0684	5.7900e-003			143.2132

Mitigated Construction On-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Fugitive Dust					0.1015	0.0000	0.1015	0.0154	0.0000	0.0154			0.0000				0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.350 ₂	1,169.350 ₂	0.2254			1,174.985 ₇
Total	1.0643	9.4295	7.7762	0.0120	0.1015	0.6228	0.7242	0.0154	0.5943	0.6097	0.0000	1,169.350₂	1,169.350₂	0.2254			1,174.985₇

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3.2 Demolition - 2018

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Hauling	2.9200e-003	0.1295	0.0175	3.6000e-004	8.2300e-003	4.9000e-004	8.7200e-003	2.2600e-003	4.7000e-004	2.7300e-003		37.7966	37.7966	2.6800e-003		37.8635
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0397	0.4020	1.0600e-003	0.1118	7.0000e-004	0.1125	0.0296	6.4000e-004	0.0303		105.2718	105.2718	3.1100e-003		105.3497
Total	0.0617	0.1692	0.4195	1.4200e-003	0.1200	1.1900e-003	0.1212	0.0319	1.1100e-003	0.0330		143.0684	143.0684	5.7900e-003		143.2132

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Fugitive Dust					0.0742	0.0000	0.0742	8.0200e-003	0.0000	8.0200e-003			0.0000			0.0000
Off-Road	0.7858	9.7572	4.2514	9.7600e-003		0.4180	0.4180		0.3846	0.3846		982.7113	982.7113	0.3059		990.3596
Total	0.7858	9.7572	4.2514	9.7600e-003	0.0742	0.4180	0.4922	8.0200e-003	0.3846	0.3926		982.7113	982.7113	0.3059		990.3596

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3.3 Site Preparation - 2018
Unmitigated Construction Off-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0294	0.0198	0.2010	5.3000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151	52.6359	52.6359	1.5600e-003	1.5600e-003	52.6359	52.6748	52.6748
Total	0.0294	0.0198	0.2010	5.3000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151	52.6359	52.6359	1.5600e-003	1.5600e-003	52.6359	52.6748	52.6748

Mitigated Construction On-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Fugitive Dust					0.0742	0.0000	0.0742	8.0200e-003	0.0000	8.0200e-003			0.0000			0.0000	0.0000
Off-Road	0.7858	9.7572	4.2514	9.7600e-003	0.4180	0.4180	0.4180	0.3846	0.3846	0.3846	0.0000	982.7113	982.7113	0.3059		990.3596	990.3596
Total	0.7858	9.7572	4.2514	9.7600e-003	0.0742	0.4180	0.4922	8.0200e-003	0.3846	0.3926	0.0000	982.7113	982.7113	0.3059		990.3596	990.3596

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

3.3 Site Preparation - 2018
Mitigated Construction Off-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0294	0.0198	0.2010	5.3000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151	52.6359	1.5600e-003	52.6359	1.5600e-003		52.6748	
Total	0.0294	0.0198	0.2010	5.3000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151	52.6359	1.5600e-003	52.6359	1.5600e-003		52.6748	

3.4 Grading - 2018
Unmitigated Construction On-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Fugitive Dust					1.0184	0.0000	1.0184	0.5598	0.0000	0.5598			0.0000			0.0000	
Off-Road	1.0643	9.4295	7.7762	0.0120	0.6228	0.6228	0.6228	0.5943	0.5943	0.5943			1,169.3502	0.2254		1,174.9857	
Total	1.0643	9.4295	7.7762	0.0120	1.0184	0.6228	1.6412	0.5943	0.5943	1.1541			1,169.3502	0.2254		1,174.9857	

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

3.4 Grading - 2018

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
ib/day																
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0397	0.4020	1.0600e-003	0.1118	7.0000e-004	0.1125	0.0296	6.4000e-004	0.0303	105.2718	105.2718	3.1100e-003	105.3497		105.3497
Total	0.0588	0.0397	0.4020	1.0600e-003	0.1118	7.0000e-004	0.1125	0.0296	6.4000e-004	0.0303	105.2718	105.2718	3.1100e-003	105.3497		105.3497

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
ib/day																
Fugitive Dust					1.0184	0.0000	1.0184	0.5598	0.0000	0.5598			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228	0.5943	0.5943	0.5943	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	1.0184	0.6228	1.6412	0.5598	0.5943	1.1541	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857

RivCoParks CEQA Addendum - Riverside-South Coast County, Winter

3.4 Grading - 2018

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0397	0.4020	1.0600e-003	0.1118	7.0000e-004	0.1125	0.0296	6.4000e-004	0.0303	105.2718	105.2718	3.1100e-003	3.1100e-003		105.3497
Total	0.0588	0.0397	0.4020	1.0600e-003	0.1118	7.0000e-004	0.1125	0.0296	6.4000e-004	0.0303	105.2718	105.2718	3.1100e-003	3.1100e-003		105.3497

3.5 Building Construction - 2018

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555
Total	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555

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3.5 Building Construction - 2018
Unmitigated Construction Off-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0154	0.4856	0.1084	1.0200e-003	0.0256	4.1200e-003	0.0297	7.3800e-003	3.9500e-003	0.0113	107.4937	107.4937	107.4937	0.0102		107.7493	
Worker	0.0646	0.0436	0.4422	1.1600e-003	0.1230	7.7000e-004	0.1237	0.0326	7.1000e-004	0.0333	115.7990	115.7990	115.7990	3.4300e-003		115.8847	
Total	0.0801	0.5292	0.5507	2.1800e-003	0.1486	4.8900e-003	0.1535	0.0400	4.6600e-003	0.0446	223.2927	223.2927	223.2927	0.0137		223.6340	

Mitigated Construction On-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555	
Total	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555	

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3.5 Building Construction - 2018

Mitigated Construction Off-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
Vendor	0.0154	0.4856	0.1084	1.0200e-003	0.0256	4.1200e-003	0.0297	7.3800e-003	3.9500e-003	0.0113	107.4937	107.4937	107.4937	0.0102			107.7493
Worker	0.0646	0.0436	0.4422	1.1600e-003	0.1230	7.7000e-004	0.1237	0.0326	7.1000e-004	0.0333	115.7990	115.7990	115.7990	3.4300e-003			115.8847
Total	0.0801	0.5292	0.5507	2.1800e-003	0.1486	4.8900e-003	0.1535	0.0400	4.6600e-003	0.0446	223.2927	223.2927	223.2927	0.0137			223.6340

3.6 Paving - 2018

Unmitigated Construction On-Site

Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109	0.4735	0.4735	0.4735	1,070.1372	1,070.1372	1,070.1372	0.3017			1,077.6798
Paving	0.0832					0.0000	0.0000	0.0000	0.0000	0.0000			0.0000				0.0000
Total	1.0034	8.7447	7.2240	0.0113		0.5109	0.5109	0.4735	0.4735	0.4735	1,070.1372	1,070.1372	1,070.1372	0.3017			1,077.6798

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3.6 Paving - 2018

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1057	0.0714	0.7236	1.9000e-003	0.2012	1.2600e-003	0.2025	0.0534	1.1600e-003	0.0545	189.4893	189.4893	189.4893	5.6100e-003	189.6294	189.6294
Total	0.1057	0.0714	0.7236	1.9000e-003	0.2012	1.2600e-003	0.2025	0.0534	1.1600e-003	0.0545	189.4893	189.4893	189.4893	5.6100e-003	189.6294	189.6294

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Off-Road	0.9202	8.7447	7.2240	0.0113	0.5109	0.5109	0.5109	0.4735	0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017	1,077.6798	1,077.6798
Paving	0.0832				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total	1.0034	8.7447	7.2240	0.0113	0.5109	0.5109	0.5109	0.4735	0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017	1,077.6798	1,077.6798

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3.6 Paving - 2018

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1057	0.0714	0.7236	1.9000e-003	0.2012	1.2600e-003	0.2025	0.0534	1.1600e-003	0.0545	189.4893	189.4893	189.4893	5.6100e-003		189.6294
Total	0.1057	0.0714	0.7236	1.9000e-003	0.2012	1.2600e-003	0.2025	0.0534	1.1600e-003	0.0545	189.4893	189.4893	189.4893	5.6100e-003		189.6294

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Archit. Coating	5.4560				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003	0.1506	0.1506	0.1506	0.1506	0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	5.7546	2.0058	1.8542	2.9700e-003	0.1506	0.1506	0.1506	0.1506	0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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**3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0118	7.9300e-003	0.0804	2.1000e-004	0.0224	1.4000e-004	0.0225	5.9300e-003	1.3000e-004	6.0600e-003	21.0544	21.0544	21.0544	6.2000e-004		21.0699
Total	0.0118	7.9300e-003	0.0804	2.1000e-004	0.0224	1.4000e-004	0.0225	5.9300e-003	1.3000e-004	6.0600e-003	21.0544	21.0544	21.0544	6.2000e-004		21.0699

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Archit. Coating	5.4560					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506	0.1506	0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	5.7546	2.0058	1.8542	2.9700e-003		0.1506	0.1506	0.1506	0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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3.7 Architectural Coating - 2018
Mitigated Construction Off-Site

Category	COG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0118	7.9300e-003	0.0804	2.1000e-004	0.0224	1.4000e-004	0.0225	5.9300e-003	1.3000e-004	6.0600e-003	21.0544	21.0544	21.0544	6.2000e-004		21.0699
Total	0.0118	7.9300e-003	0.0804	2.1000e-004	0.0224	1.4000e-004	0.0225	5.9300e-003	1.3000e-004	6.0600e-003	21.0544	21.0544	21.0544	6.2000e-004		21.0699

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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Category	lb/day															
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated	0.6486	5.1330	7.6589	0.0271	1.9736	0.0329	2.0065	0.5282	0.0311	0.5594	2,762.1938	2,762.1938	2,762.1938	0.1699		2,766.4419
Unmitigated	0.6486	5.1330	7.6589	0.0271	1.9736	0.0329	2.0065	0.5282	0.0311	0.5594	2,762.1938	2,762.1938	2,762.1938	0.1699		2,766.4419

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Parking Lot	0.00	0.00	0.00		
Government (Civic Center)	299.60	299.60	299.60	925,204	925,204
Total	299.60	299.60	299.60	925,204	925,204

4.3 Trip Type Information

Land Use	Miles										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	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diversed	Pass-by	
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16				

4.4 Fleet Mix

Land Use	EDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SEBUS	MH
Parking Lot	0.527920	0.040740	0.182967	0.130733	0.020108	0.005812	0.016781	0.065303	0.001324	0.001284	0.004728	0.000989	0.001311
Government (Civic Center)	0.527920	0.040740	0.182967	0.130733	0.020108	0.005812	0.016781	0.065303	0.001324	0.001284	0.004728	0.000989	0.001311

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	lb/day															
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060
NaturalGas Unmitigated	4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060

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5.2 Energy by Land Use - Natural Gas
Unmitigated

Land Use	Natural Gas Use (kBTU/yr)	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																	
Government (Civic Center)	38.0749	4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060

Mitigated

Land Use	Natural Gas Use (kBTU/yr)	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
lb/day																	
Government (Civic Center)	0.0380749	4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		4.1000e-004	3.7300e-003	3.1400e-003	2.0000e-005	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	2.8000e-004	4.4794	4.4794	4.4794	9.0000e-005	8.0000e-005	4.5060

6.0 Area Detail

6.1 Mitigation Measures Area

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Category	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Mitigated	0.1002	6.0000e-005	6.9400e-003	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0147	0.0147	0.0147	4.0000e-005			0.0157
Unmitigated	0.1002	6.0000e-005	6.9400e-003	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0147	0.0147	0.0147	4.0000e-005			0.0157

6.2 Area by SubCategory

Unmitigated

SubCategory	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Architectural Coating	0.0120				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000				0.0000
Consumer Products	0.0876				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000				0.0000
Landscaping	6.6000e-004	6.0000e-005	6.9400e-003	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0147	0.0147	0.0147	4.0000e-005			0.0157
Total	0.1002	6.0000e-005	6.9400e-003	0.0000	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0147	0.0147	0.0147	4.0000e-005			0.0157

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6.2 Area by SubCategory

Mitigated

SubCategory	lb/day																
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Architectural Coating	0.0120					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	0.0876					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Landscaping	6.6000e-004	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0147	0.0147	4.0000e-005			0.0157
Total	0.1002	6.0000e-005	6.9400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0147	0.0147	4.0000e-005			0.0157

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

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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
