

ADMINISTRATIVE FINAL
Initial Study
Anaheim Five Coves (Northern Extension) Park Project
City of Anaheim, Orange County, California
State Clearinghouse No. 2016121076

Orange, CA USGS Topographic Map 33117-G7 (1981)
Latitude (North): 33.8395000—33°50'22.20"
Longitude (West): 117.8645000—117°51'52.20"

Prepared by:

City of Anaheim

200 South Anaheim Boulevard
Anaheim, CA 92805
714.765.4465

Contact: Naomi Gruenthal, Associate Project Planner

With Technical Assistance from:

FirstCarbon Solutions

250 Commerce, Suite 250
Irvine, CA 92602
714.508.4100

Contact: Frank Coyle, Project Director
Vanessa Welsh, Project Manager

Date: January 30, 2017

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SECTION 1: INTRODUCTION

Although not required by the California Environmental Quality Act (CEQA) and CEQA Guidelines, the City of Anaheim has evaluated the comments received on the Anaheim Five Coves (Northern Extension) Park Project Draft Initial Study/Mitigated Negative Declaration (Draft IS/MND), State Clearinghouse No. 2016121076. The Responses to Comments and Errata, which are included in this document, together with the Draft IS/MND, Draft IS/MND appendices, and the Mitigation Monitoring and Reporting Program, comprise the Final IS/MND for use by the City of Anaheim in its review and consideration of the Anaheim Five Coves (Northern Extension) Park Project.

This document is organized into three sections:

- **Section 1—Introduction.**
- **Section 2—Responses to Written Comments:** Provides a list of the agencies, organizations, and individuals who commented on the Draft IS/MND. Copies of all of the letters received regarding the Draft IS/MND and responses thereto are included in this section.
- **Section 3—Errata:** Includes an addendum listing refinements and clarifications on the Draft IS/MND, which have been incorporated.

The Final IS/MND includes the following contents:

- Draft IS/MND (provided under separate cover)
- Draft IS/MND appendices (provided under separate cover)
- Responses to Written Comments and Errata (Sections 2 and 3 of this document)
- Mitigation Monitoring and Reporting Program (provided under separate cover)

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SECTION 2: RESPONSES TO WRITTEN COMMENTS

2.1 - List of Authors

A list of public agencies, organizations, and individuals that provided comments on the Draft IS/MND are presented below. Each comment has been assigned a code. Individual comments within each communication have been numbered so comments can be cross-referenced with responses. Following this list, the text of the communication is reprinted and followed by the corresponding response.

Author **Author Code**

State Agencies

California Department of Transportation CALTRANS
California Department of Fish and Wildlife CDFW

Local Agencies

City of Fullerton FULLERTON
Orange County Public Works OCPW
Santa Ana Regional Water Quality Control Board SARWQCB

Tribes

Gabrieleno Band of Mission Indians-Kizh Nation SALAS

Organizations

California Cultural Resource Preservation Alliance, Inc..... CCRPA

2.2 - Responses to Comments

2.2.1 - Introduction

In accordance with the California Environmental Quality Act (CEQA) Guidelines Section 15088, the City of Anaheim, as the lead agency, evaluated the comments received on the Final IS/MND (State Clearinghouse No. 2016121076) for the Anaheim Five Coves (Northern Extension) Park Project, and has prepared the following responses to the comments received. This Response to Comments document becomes part of the Final IS/MND for the project in accordance with CEQA Guidelines Section 15132.

2.2.2 - Comment Letters and Responses

The comment letters reproduced in the following pages follow the same organization as used in the List of Authors.

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Subject: RE: Anaheim Five Cove Northern Extension Project MND / SCH #2016121076

From: Carver, Leila N@DOT [<mailto:leila.carver@dot.ca.gov>]
Sent: Wednesday, January 18, 2017 11:00 AM
To: Pamela Galera <PGalera@anaheim.net>; Naomi Gruenthal <NGruenthal@anaheim.net>
Cc: El Harake, Maureen E@DOT <maureen.el.harake@dot.ca.gov>; 'OPR State Clearinghouse' <State.Clearinghouse@opr.ca.gov>
Subject: RE: Anaheim Five Cove Northern Extension Project MND / SCH #2016121076

Hi Pamela, I apologize for the delay. Our Environmental Analysis branch has requested that I circulate this information to our Right-of-Way branch for review. Due to time constraints, our comments at this time are to have the City of Anaheim continue to coordinate with Caltrans and OCTA on the [SR-91 widening project](#) in proximity to the Anaheim Five Cove Northern Extension Project. Caltrans supports the concept of a local circulation system which is pedestrian and bicycle friendly in order to enable residents to choose alternative modes of transportation.

1

We do our best to periodically check the OPR state clearinghouse and City of Anaheim's environmental document page <http://www.anaheim.net/876/Environmental-Documents> for upcoming local project's to review as a reviewing agency. I would be happy to receive early scoping reviews prior to the environmental review process for any future projects in proximity to Caltrans facilities.

2

Thank you,

Leila Carver
Associate Transportation Planner
Caltrans District 12 Planning
Regional-IGR-Transit Planning Branch
1750 E. Fourth Street, Santa Ana, CA 92705
(657) 328-6261

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State Agencies

California Department of Transportation (CALTRANS)

Response to Caltrans-1

The comment is noted. No response is warranted.

Response to Caltrans-2

The comment is noted. No response is warranted.

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From: Turner, Jennifer@Wildlife [<mailto:Jennifer.Turner@wildlife.ca.gov>]
Sent: Monday, January 09, 2017 3:10 PM
To: Naomi Gruenthal <NGruenthal@anaheim.net>
Subject: Comments on the Notice of Intent to Adopt a Mitigated Negative Declaration for the Anaheim Five Coves (Northern Extension) Project, Anaheim, CA (SCH# 2016121076)

Dear Ms. Gruenthal,

The California Department of Fish and Wildlife (Department) has reviewed the above-referenced draft Mitigated Negative Declaration (MND) dated December 21, 2016, for the Anaheim Five Coves project. The comments provided herein are based on information provided in the MND, our knowledge of sensitive and declining vegetation communities in the County of Orange (County), and our participation in regional conservation planning efforts.

1

The Department is a Trustee Agency and a Responsible Agency pursuant to the California Environmental Quality Act (CEQA; §§ 15386 and 15281, respectively) and is responsible for ensuring appropriate conservation of the state's biological resources, including rare, threatened, and endangered plant and animal species, pursuant to the California Endangered Species Act (Fish and Game Code § 2050 *et seq.*) and other sections of the Fish and Game Code (1600 *et seq.*). The Department also administers the Natural Community Conservation Planning (NCCP) program. The City of Anaheim is signatory to the Implementing Agreement of the Central/Coastal Orange County NCCP/Habitat Conservation Plan.

2

The Department recommends that the migratory bird season, as referenced in Mitigation Measure BIO-1, be amended from March 15-September 15, to February 15-September 15, as this is generally considered the nesting bird season for passerine species. We also recommend that nesting surveys proposed in Mitigation Measure BIO-2 be conducted no later than three (3) days prior to construction, as opposed to within ten (10) days prior to construction. Longer periods between nesting surveys and the start of construction activities increase the likelihood that nesting activity can occur undetected; this, and the migratory bird season as currently documented, may increase direct impacts to passerine species such that they are significant without further mitigation.

3

4

Additionally, with documented occurrences throughout Southern California, the spread of Polyphagous Shot Hole Borer (PSHB) could have significant impacts in Orange County ecosystems, specifically for those under analysis in the draft MND. Therefore, with regard to PSHB, we recommend the final MND be amended to include a discussion of PSHB, as well as a mitigation measure which specifically addresses potentially significant impacts from the spread of PSHB (e.g. inspection for PSHB, best management practices for disposal of infected vegetation, etc.).

5

We appreciate the opportunity to comment on the draft MND for this project and to assist in further minimizing and mitigating project impacts to biological resources by ensuring that the proposed project is consistent with the CEQA. The Department requests an opportunity to review and comment on any response that the City has to our comments and to receive notification of the forthcoming hearing date for the project (CEQA Guidelines; §15073(e)). If you should have any questions or comments regarding this email, please contact me using the information provided below.

6

Sincerely,

Jennifer Turner
Environmental Scientist
California Department of Fish and Wildlife
3883 Ruffin Road
San Diego, CA 92123
(858)467-2717
Jennifer.Turner@wildlife.ca.gov

Every Californian should conserve water. Find out how at:



SaveOurWater.com · Drought.CA.gov

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California Department of Fish and Wildlife (CDFW)

Response to CDFW-1

The comment is noted. No response is warranted.

Response to CDFW-2

The comment is noted. No response is warranted.

Response to CDFW-3

Text has been modified within the Biological Resources section, pages 61 and 63 in response to this comment. The modifications are shown in Section 3, Errata.

Response to CDFW-4

Text has been modified within the Biological Resources section, page 62 in response to this comment. The modifications are shown in Section 3, Errata.

Additionally, Appendix A to this report, Long Term Operations and Maintenance, has been revised throughout to reflect the February 15–September 15 nesting bird season for passerine species.

Response to CDFW-5

Appendix A to this report, Long Term Operations and Maintenance, has been revised to include provisions to prevent the spread of Polyphagous Shot Hole Borer, including best management practices for the disposal of infected vegetation. The revised text is shown in Section 3, Errata.

Response to CDFW-6

The comment is noted. No response is warranted.

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CITY OF FULLERTON

Community Development Department

January 23, 2017

Naomi Gruenthal, Associate Project Planner
City of Anaheim – Community Services Department
200 S. Anaheim Blvd. Suite 433
Anaheim, CA 92805
ngruenthal@anaheim.net

Sent via email

Subject: Initial Study/Negative Declaration Anaheim Five Coves (Northern Extension) Project

Dear Ms Gruenthal,

The City of Fullerton has reviewed the Initial Study and Negative Declaration for the above referenced project. The project appears to have no significant environmental impacts to the City of Fullerton, and we have no comments at this time.

1

Thank you for the opportunity to review the documents and to comment on potential issues that may affect the City of Fullerton. If you should have questions regarding this response, please feel free to contact me at (714) 738-6837 or joanw@ci.fullerton.ca.us.

2

Sincerely,

Joan Wolff, AICP
Senior Planner

THE EDUCATION COMMUNITY



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City of Fullerton (FULLERTON)

Response to FULLERTON-1

The comment is noted. No response is warranted.

Response to FULLERTON-2

The comment is noted. No response is warranted.

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January 4, 2017

Ms. Naomi Gruenthal
Associate Project Planner
City of Anaheim
Community Services Department
200 South Anaheim Boulevard, Suite 433
Anaheim, CA 92805

Subject: Notice of Intent to Adopt Mitigated Negative Declaration for the Anaheim Five Coves (Northern Extension) Project

Dear Ms. Naomi Gruenthal,

Thank you for the opportunity to comment on the Initial Study prepared by the City of Anaheim with technical assistance from the FirstCarbon Solutions, dated December 21, 2016. Flood Program Support Division on behalf of the Orange County Flood Control District (OCFCD) offers the following comments from Floodplain Management and Hydrology sections:

Floodplain Management

- | | |
|---|---|
| 1. The MND states that the project will accommodate equestrian use and equestrian rest areas. It's not clear whether equestrian use will extend into the OCFCD's lease parcel. Please provide locations of equestrian rest areas. Equestrian use and rest areas are not a permitted use of the OCFCD property per the terms of the lease agreement. | 1 |
| 2. Page 18, last paragraph indicates that the OCFCD parcel would be used as a staging area. This use is not allowed per the terms of the lease agreement. | 2 |
| 3. The description of Carbon Canyon Diversion Channel is not consistent within the document. Page 51 of the document indicates that Carbon Canyon Diversion Channel is devoid of vegetation, but page 100 indicates that Carbon Canyon Diversion Channel contains scattered disturbed wetland habitat. Please clarify. | 3 |
| 4. Exhibit 6, Typical Trail Cross- Section is not consistent with the project description in Section 1.2.2, and throughout the MND. The directional orientation of the typical section in Exhibit 6 is incorrect if North is facing upwards. | 4 |
| 5. Provide a Cross-Section of the project elements that will be on OCFCD parcels. | 5 |
| 6. When referring to OCFCD parcels, please ensure that the acreage to be used for the project is consistent with the acreage in the lease agreements. | 6 |
| 7. Exhibit 2 does not show Frontera Street as mentioned in Section 1.2.1. Given that Frontera Street represents project terminus, please show it on all exhibits. | 7 |

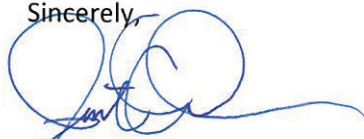
8. Be consistent with the description of Carbon Canyon Diversion Channel. On Page 100, 2nd and 5th paragraphs are inconsistent with the rest of the document. Carbon Canyon Diversion Channel is a flood control channel that extends from Miller Basin to the Santa Ana River. | 8
9. Page 17, 2nd paragraph describes that the triangular parcel, which would be the location of the passive recreational area, is owned by SCE. Please correct this to reflect that OCFCD owns the parcel. | 9
10. Page 18; second paragraph, correct the typo when abbreviating OCFCD. | 10
11. Page 26; fifth paragraph, correct the typo to "proximity." | 11
12. Page 27; fifth paragraph indicates that species to be planted in the project site were selected according to homeowner preference. Given the site's proximity to the Five-Coves Mitigation site, did any regulatory agencies review and approve the proposed plant palette? Please ensure that the vegetation planted in the OCFCD owned areas consists of local native vegetation. | 12
13. Page 32; last paragraph describes that the project site disturbances include fuel modification. Is the fuel modification required by Orange County Fire Authority? If so, is the proposed vegetation consistent with the fuel modification requirements? | 13
14. Page 39; Table 5 should be corrected to accurately reflect years as 2017 and 2018 for on-site emissions as no project activity is proposed in 2016. | 14
15. Page 42; Table 7 should be corrected to accurately reflect years as 2017 and 2018 for on-site emissions as no project activity is proposed in 2016. | 15
16. Page 67; fourth paragraph describes native planting swath as 20 to 30-ft wide. This is not consistent with Exhibit 6, Typical Trail Cross- Section depiction. | 16
17. Throughout the document, when referring to the Public Works Department, please make sure you clarify which agency is being referred to. | 17

Hydrology

1. Any work related to Anaheim Five Coves within OCFCD's right-of-way will require an encroachment permit from the County's Public Property Permits Section. In addition, all work within OCFCD right-of-way should be performed in a manner that will not adversely impact the hydraulic flow conditions, access and/or maintenance requirements of OCFCD facilities. Information regarding permit application is available on our website – <http://www.ocplanning.net/>. | 18

If you have any questions regarding these comments, please contact me at (714) 647-3951 or Penny Lew, P.E., Senior Civil Engineer, at (714) 647-3990.

Sincerely,



Robert McLean, P.E.
Senior Civil Engineer
Flood Program Support/Hydrology

Local Agencies

Orange County Public Works (OCPW)

Response to OCPW-1

The Project has been revised as not to include equestrian rest areas on the Orange County Flood Control District leased parcel.

Response to OCPW-2

Text has been revised in IS/MND to reflect comment. The revised text is shown in Section 3, Errata.

Response to OCPW-3

Text has been revised to reflect comment. The revised text is shown in Section 3, Errata.

Response to OCPW-4

Exhibit 6: Typical Trail Cross Section has been revised to reflect comment. The revised exhibit is provided in Section 3, Errata.

Response to OCPW-5

The complete set of construction drawings and cross sections, including those on Orange County Flood Control District Property, will be included within the Project's construction documents.

Response to OCPW-6

The acreage listed in the lease agreements (1.37 acres) has been added in response to comment on page 3, Section 1.2.1—Project Location and Existing Conditions. The revised text is shown in Section 3, Errata.

Response to OCPW-7

Exhibit 2: Local Vicinity Map, Aerial Base, has been revised to reflect comment. The revised exhibit is shown in Section 3, Errata.

Response to OCPW-8

Text has been revised to reflect comment. Please see Response to OCPW-3.

Response to OCPW-9

Text has been modified within Section 1.2.2—Proposed Improvements, page 17 in response to comment. The revised text is shown in Section 3, Errata.

Response to OCPW-10

Text has been modified within Section 1.2.3—Access, page 18 in response to comment. The revised text is shown in Section 3, Errata.

Response to OCPW-11

Text has been modified within Section 3.1.B—Aesthetics, page 26 in response to comment. The revised text is shown in Section 3, Errata.

Responses to Written Comments

Response to OCPW-12

Text has been modified within Section 3.2.C—Agricultural Resources, page 32, and within Section 3.4—Biological Resources, page 51 in response to comment. The revised text is shown in Section 3, Errata.

Response to OCPW-13

Text has been revised within Section 3.2, page 32 to reflect comment. The revised text is shown in Section 3, Errata.

Response to OCPW-14

Table 5 has been updated to reflect the most current project description (year 2017 and 2018 construction). The air quality modeling was conducted using conservative assumptions and the earliest possible construction schedule at the time of the analysis. This modeling would result in the most conservative estimate of project-related construction emissions, which are below the applicable thresholds of significance.

Response to OCPW-15

Table 7 has been updated to reflect the most current project description (year 2017 and 2018 construction). The air quality modeling was conducted using conservative assumptions and the earliest possible construction schedule at the time of the analysis. This modeling would result in the most conservative estimate of project-related construction emissions, which are below the applicable thresholds of significance.

Response to OCPW-16

Text has been modified within Section 3.4—Biological Resources, page 67 in response to comment. The revised text is shown in Section 3, Errata.

Response to OCPW-17

Text has been revised to reflect comment. Two incidences of, “Public Works Department” have been revised to include, “City of Anaheim” for clarification.

Response to OCPW-18

The City of Anaheim will prepare a permit application prior to the start of project construction.

From: Woelfel, David@Waterboards [<mailto:David.Woelfel@waterboards.ca.gov>]
Sent: Wednesday, January 11, 2017 11:16 AM
To: Naomi Gruenthal <NGruenthal@anaheim.net>
Cc: Daniel Bott (DBott@ocwd.com) <DBott@ocwd.com>
Subject: Anaheim Five Coves (Northern Extension) Park Project

Dear Ms. Naomi Gruenthal
Associate Project Planner
City of Anaheim;

Regional Board staff have reviewed the Draft Initial Study for this project. The project will develop a 9-acre linear urban park along the western edge of the Orange County Water District's (OCWD) Five Cover Groundwater Basin and the Carbon Canyon Diversion Channel from Lincoln Avenue to Frontera Street, a distance of 0.9 mile. The Initial Study stated that a construction stormwater permit for the project will be implemented and that the OCWD's mitigation area associated with the Five Coves Basin will not be impacted by the project. In addition, no waters of the state will be impacted. We appreciate that the project will increase recreational opportunities in this area, restore and maintain native vegetation in the area and incorporate low impact BMPs to reduce water quality impacts.

Thank you

Dave Woelfel, M.S.
Environmental Scientist
Santa Ana Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501
Phone: 951-782-7960

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Santa Ana Regional Water Quality Control Board (SARWQCB)

Response to SARWQCB-1

The comment is noted. No response is warranted.

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GABRIELEÑO BAND OF MISSION INDIANS - KIZH NATION
Historically known as The San Gabriel Band of Mission Indians
recognized by the State of California as the aboriginal tribe of the Los Angeles basin

Naomi Gruenthal
Associate Project Planner
City of Anaheim CA

RE: AB52 consultation response for Anaheim Five Coves locates E. Lincoln Ave to the south and E Frontera St. to the north and west

Dear Naomi,

Jan 9, 2016

Please find this letter in response to your request for consultation dated Dec, 2016. I have reviewed the project site and do have concerns for cultural resources. Your project lies in an area where the Ancestral territories of the Kizh (Kite) Gabrieleño's villages adjoined and overlapped with each other, at least during the Late Prehistoric and Protohistoric Periods. The homeland of the Kizh Gabrieleño was probably the most influential Native American group in aboriginal southern California (Bean and Smith 1978a:538), was centered in the Los Angeles Basin, and reached as far east as the San Bernardino-Riverside area. The homeland of our neighbors the Serranos was primarily the San Bernardino Mountains, including the slopes and lowlands on the north and south flanks. Whatever the linguistic affiliation, Native Americans in and around the project area exhibited similar organization and resource procurement strategies. Villages were based on clan or lineage groups. Their home/ base sites are marked by midden deposits often with bedrock mortars. During their seasonal rounds to exploit plant resources, small groups would migrate within their traditional territory in search of specific plants and animals. Their gathering strategies often left behind signs of special use sites, usually grinding slicks on bedrock boulders, at the locations of the resources.

1

Due to the project location and the high sensitivity of the area location, we would like to request one of our certified Native American Monitor to be on site during any and all ground disturbances (including but not limited to pavement removal, post holing, auguring, boring, grading, excavation and trenching) to protect any cultural resources which may be effected during construction or development. In all cases, when the Native American Heritage Commission states there are "no records of sacred sites in the project area" the NAHC will always refer lead agencies to the respective Native American Tribe because the NAHC is only aware of general information and are not the experts on each California Tribe. Our Elder Committee & Tribal Historians are the experts for our Tribe and are able to provide a more complete history (both written and oral) regarding the location of historic villages, trade routes, cemeteries and sacred/religious sites in the project area. While the property may be located in an area that has been previously developed, numerous examples can be shared to show that there still is a possibility that unknown, yet significant, cultural resources will be encountered during ground disturbance activities. Please note, if they haven't been listed with the NAHC, it doesn't mean that they aren't there. Not everyone reports what they know.

2

The recent implementation of AB52 dictates that lead agencies consult with Native American Tribes who can prove and document traditional and cultural affiliation with the area of said project in order to protect cultural resources. However, our tribe is connected Ancestrally to this project location area, what does Ancestrally or Ancestral mean? The people who were in your family in past times, Of, belonging to, inherited from, or denoting an ancestor or ancestors <http://www.thefreedictionary.com/ancestral>. Our priorities are to avoid and protect without delay or conflicts – to consult with you to avoid unnecessary destruction of cultural and biological resources, but also to protect what resources still exist at the project site for the benefit and education of future generations. At your convenience we can Consultation either by Phone or Face to face. Thank you

3

CC: NAHC

With respect,

Andrew Salas, Chairman
cell (626)926-4131

Andrew Salas, Chairman
Albert Perez, treasurer I

Nadine Salas, Vice-Chairman
Martha Gonzalez Lemos, treasurer II

Christina Swindall Martinez, secretary
Richard Gradias, Chairman of the council of Elders

PO Box 393 Covina, CA 91723

www.gabrielenoindians@yahoo.com

gabrielenoindians@yahoo.com

From: [Naomi Gruenthal](#)
To: [Gabrieleno Band of Mission Indians](#)
Cc: [Christine Saunders](#); [Vanessa Welsh](#)
Subject: RE: AB52 consultation response for Anaheim Five Coves locates E. Lincoln Ave to the south and E Frontera St. to the north and west
Date: Wednesday, January 11, 2017 10:53:51 AM
Attachments: [RE- AB52 consultation response for Anaheim Five Coves locates E. Lincoln Ave to the south and E Frontera St. to the north and west .docx](#)
Importance: High

Dear Chairman Salas,

The City of Anaheim has received your letter requesting monitoring in response to the Notice of Intent to Adopt an MND for the Anaheim Five Coves (Northern Extension) Park Project.

If you will recall, we initiated consultation per AB52 in July of 2016 and at that time, you sent us a letter, essentially the same as the attached one here. In response to your request, and as discussed in the Tribal Cultural Resources section in Appendix D – Cultural Resources Assessment of the subject document, the City has included a mitigation measure allowing for monitoring at your request during the earth moving process.

Can you please review the Tribal Cultural Resources section and mitigation measures and let me know if you have any additional concerns at this time, and if it is sufficient to conclude consultation for this project until such time as the mitigation measure is implemented.

The document is available on our website at
<http://www.anaheim.net/876/Environmental-Documents>

Thank you,

Naomi Gruenthal
Associate Project Planner
Community Services Department
City of Anaheim
200 S. Anaheim Boulevard
Suite 433
Anaheim, CA 92805
T. 714.765.4465
F. 714.765.4454
E. ngruenthal@anaheim.net



"Please consider the environment before printing this email."

From: Gabrieleno Band of Mission Indians [mailto:gabrielenoindians@yahoo.com]
Sent: Monday, January 09, 2017 1:11 PM
To: Naomi Gruenthal <NGruenthal@anaheim.net>
Subject: RE: AB52 consultation response for Anaheim Five Coves locates E. Lincoln Ave to the south

3
(cont)

Tribes

Gabrieleno Band of Mission Indians—Kizh Nation (SALAS)

Response to SALAS-1

The comment is noted. No response is warranted.

Response to SALAS-2

The IS/MND includes a mitigation measure for tribal monitoring in response to Chairman Salas's request during early consultation on the proposed project. The text of the mitigation measure is as follows:

MM TRIBAL-1 Prior to issuance of a grading permit, The Property Owner/Developer shall provide grading plans to the designated representative of the Gabrieleno Band of Mission Indians—Kizh Nation for review. If the Gabrieleno Band of Mission Indians—Kizh Nation determines upon review of the grading plans that they would like to have a monitor present during ground-disturbing activities for the project, appropriate scheduling and accommodation would be made for a qualified tribal monitor from the Gabrieleno Band of Mission Indians—Kizh Nation to monitor the site and work cooperatively with the project archaeologist during ground-disturbing activities to identify and protect any potential tribal cultural resources discovered on-site.

Response to SALAS-3

The City of Anaheim response to Naomi Gruenthal's letter is attached herein. The letter states that a mitigation measure was included to honor the request for tribal monitoring on-site, and a request for acknowledgement that the mitigation measure was sufficient. No response from the tribe has been received.

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P.O. Box 54132
Irvine, CA 92619-4132

California Cultural Resource Preservation Alliance, Inc.

**An alliance of American Indian and scientific communities working for
the preservation of archaeological sites and other cultural resources.**

December 23, 2016

Ms. Naomi Gruenthal
Associate Project Planner
City of Anaheim Community Services

Dear Ms. Gruenthal:

Thank you for the opportunity to review the Notice of Intent to Adopt a Mitigated Negative Declaration for the Anaheim Five Coves (Northern Extension) Project. This seems to be a very worthwhile project and we concur with the determination of a less than significant impact to cultural resources with the implementation of Mitigation Measure CUL-1 and, in the event of the discovery of human remains, Health and Safety Code 7050.5, etc.

1

Sincerely,

A photograph of a handwritten signature in cursive script that reads "Patricia Martz". The signature is written in dark ink on a light-colored, slightly textured paper background.

Patricia Martz, Ph.D.
President

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Organizations

California Cultural Resource Preservation Alliance, Inc. (CCRPA)

Response to CCRPA-1

The comment is noted. No response is warranted.

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SECTION 3: ERRATA

The following are revisions to the Draft IS/MND for the Anaheim Five Coves (Northern Extension) Park Project.

These revisions are minor modifications and clarifications to the document, and do not change the significance of any of the environmental issue conclusions within the Draft IS/MND. The revisions are listed by page number. All additions to the text are underlined (underlined) and all deletions from the text are stricken (~~stricken~~).

3.1 - Changes in Response to Specific Comments

Section 1.2.1, Project Location and Existing Conditions

Page 3, Table 1

Table 1 has been revised in response to comment OCPW-6 with regard to the land area described in the Orange County Flood Control District lease agreement, as follows:

Table 1: Project Site Assessor Parcel Number Data

Assessor's Parcel Number	Parcel Owner	Parcel Size (in acres)	General Plan Designation	Zoning
268-081-04	OCWD	2.99	Water (OS-W); Open Space (OS)	Transition (T)
268-081-03	OCWD	0.11	Open Space (OS)	Transition (T)
268-121-04	SCE	1.14	Water (OS-W)	Transition (T)
360-021-16	OCFCD	<u>1.37</u> 1.28	Water (OS-W)	Transition (T)
360-021-03 (Unincorporated Orange County)	OCWD	21.68	Water (OS-W)*	Unincorporated
268-131-09	OCFCD	2.68	Water (OS-W); Residential-Medium (R-M)	Multiple-Family Residential (RM-4)
268-081-05	OCWD	49.82	Water (OS-W); Open Space (OS)	Transition (T)
268-081-02	OCWD	1.1	Water (OS-W); Open Space (OS)	Transition (T)
253-271-07	OCWD	11.51	Parks (OS-P); Water (OS-W)	Transition (T)
253-271-04	OCWD	1.41	Residential-Low (R-L); Open Space (OS)	Transition (T)

Source: City of Anaheim Parcel Finder. 2016. <http://gis.anaheim.net/ParcelInfo/Disclaimer.aspx>. Accessed December 14, 2016.

Page 7, Exhibit 2

Exhibit 2: Local Vicinity Map, Aerial Base has been revised to reflect comment OCPW-7, as shown below.

Section 1.2.2, Proposed Improvements, Page 17

Text has been modified in response to comment OCPW-9, as follows:

The triangular parcel owned by OCFCD ~~SCE~~ and generally bound by the unpaved access road/open area and diversion channel to the east and the Colony Frontera Apartments property on the northern end of the park site will be the location of the demonstration garden/children's education/nature play area. This approximately 0.75-acre passive recreational area will include decomposed granite paths, native planting areas, and educational/interpretive areas as well as a portion of the trail.

Section 1.2.3, Access, Page 18

Text has been modified in response to comment OCPW-10, as follows:

SCE, OCWD, and OCFCD ~~OCFC~~ each own portions of the Project site and have granted access and use rights to the City of Anaheim through lease and/or license agreements. Once the construction of the proposed Anaheim Coves Northern Extension is complete, the City of Anaheim will be responsible for the maintenance for the entire area, including the portions of the OCWD mitigation area adjacent to the trail.

Section 1.2.4, Construction Activities, Page 18

Text has been modified in response to comment OCPW-2, as follows:

Grading activities on the Project site will require 2,000 cubic yards of soil to be excavated and potentially exported off the Project site, and every effort will be made to provide a balanced grading design so that soil excavation and export on the site are minimized. All project construction and equipment staging (including parking for construction employees) will be confined to the Project site. The proposed staging area will be able to accommodate staging of construction equipment as well as construction worker vehicles. The staging area is proposed to be located on the property owned by OCWD ~~that will eventually become the demonstration garden/children's education/nature play area (Exhibit 4: Site Plan)~~. The number of combined construction equipment and construction worker vehicles will range from 10 to 20 vehicles. During the mobilization and demobilization of construction equipment, access to the site will be from gates on Lincoln Avenue and Frontera Avenue. All of the construction equipment would be staged on-site until construction is completed. The hours of construction will occur between 7:00 am and 5:00 p.m., Monday through Friday.

Section 1.2.4, Construction Activities, Page 21, Exhibit 6

Exhibit 6: Typical Trail Cross Section has been revised to reflect comment OCPW-4, as shown below.



Legend

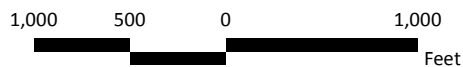
- Project Boundary
- City Boundary

Source: ESRI Imagery, 2015

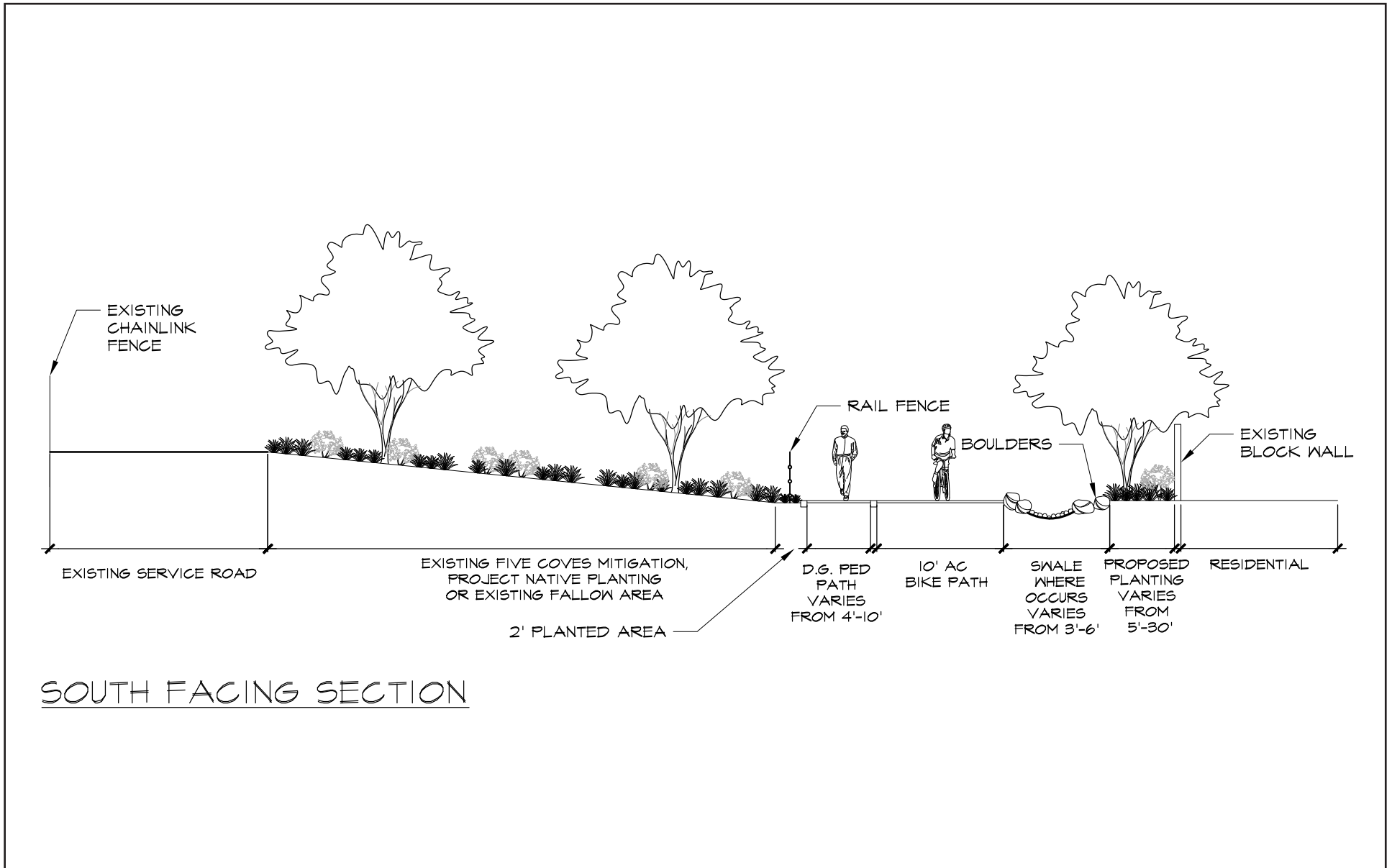
Exhibit 2

Local Vicinity Map

Aerial Base



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Source: Moore Iacofano Goltsman, Inc 2017



Exhibit 6
Typical Trail Cross Section

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Section 3.1, Aesthetics, Page 26

Text has been modified in response to comment OCPW-11, as follows:

Although the Project site is located in close ~~proximity~~ proximately to a state scenic highway, the Proposed Project would not substantially damage scenic resources within the state scenic highway. No historic buildings or rock outcroppings are located at the Project site.

Section 3.2, Agricultural Resources, Page 32

Text has been modified in response to comment OCPW-12, as follows:

No impact. The project site General Plan Designation is Open Space and Open Space—Water, and the Project site zoning is Transition. The Project site consists predominately of disturbed lands that contain ruderal field vegetation composed of herbaceous, ruderal forb and non-native grass species. The vegetation is subject to frequent disturbances associated with ~~fuel modification and~~ weed abatement. Additionally, many portions of the of the study area have been utilized as staging areas for heavy equipment for maintenance activities at Five Coves Basin. Dominant plant species include ruderal non-native weedy species with ornamental tree species. The project also contains the OCWD Five Coves Mitigation Area with native vegetation plantings that is not designated as forest land, timberland, or timberland zoned Timberland Production. The project would not disturb the mitigation area. Therefore, the Project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. There would be no impact.

Section 3.3, Air Quality

Page 39, Table 5

Table 5 been updated to reflect the most current project description (year 2017 and 2018 construction) in response to comment OCPW-14. The air quality modeling was conducted using conservative assumptions and the earliest possible construction schedule at the time of the analysis. This modeling would result in the most conservative estimate of project-related construction emissions, which are below the applicable thresholds of significance.

Table 5: Construction Localized Significance Analysis

Activity	On-site Emissions (pounds per day) ¹			
	NO _x	CO	PM ₁₀	PM _{2.5}
Grading	40.29	25.77	4.57	3.27
Trail Preparation and Paving (2016)	33.27	16.85	1.66	1.53
Trail Preparation and Paving (2017)	30.41	16.52	1.51	1.39
Landscaping	0.13	0.09	0.01	0.01
Maximum Daily On-Site Emissions	40.29	25.77	4.57	3.27
Localized Significance Threshold	115	715	6	4

Table 5 (cont.): Construction Localized Significance Analysis

Activity	On-site Emissions (pounds per day) ¹			
	NO _x	CO	PM ₁₀	PM _{2.5}
Exceed Threshold?	No	No	No	No
<p>Notes: NO_x = oxides of nitrogen PM₁₀ = particles less than or equal to 10 micrometers in diameter PM_{2.5} = particles less than or equal to 2.5 micrometers in diameter CO = carbon monoxide Phases are assumed to not overlap; therefore, the maximum daily emissions are from the highest representative phase. ¹ <u>Proposed construction activities were modeled using the earliest possible construction year, which results in a conservative estimate of emissions shown. It is anticipated that future years would result in lower emissions based on turnover in vehicle and equipment fleets and increasingly stringent emissions standards. Therefore, these emissions represent the maximum emissions that would occur during construction.</u> Source of emissions: FCS 2016—Winter Construction Results. Source of thresholds: South Coast Air Quality Management District 2009, for SRA 17, 25 meters, 2-acre site.</p>				

Page 42, Table 7

Table 7 been updated to reflect the most current project description (year 2017 and 2018 construction) in response to comment OCPW-14. The air quality modeling was conducted using conservative assumptions and the earliest possible construction schedule at the time of the analysis. This modeling would result in the most conservative estimate of project-related construction emissions, which are below the applicable thresholds of significance.

Table 7: Construction Air Pollutant Emissions by Activity

Activity	Emissions (pounds per day) ¹					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Grading	4.07	43.62	29.31	0.05	5.02	3.42
Trail Preparation and Paving (2016)	3.41	33.42	18.40	0.04	1.99	1.62
Trail Preparation and Paving (2017)	3.19	30.54	17.93	0.04	1.84	1.48
Landscaping	0.03	0.14	0.23	0.00	0.04	0.02
Maximum Daily Emissions	4.07	43.62	29.31	0.05	5.02	3.42
Significance Threshold	75	100	550	150	150	55
Significant Impact?	No	No	No	No	No	No
<p>Notes: NO_x = oxides of nitrogen PM₁₀ = particles less than or equal to 10 micrometers in diameter PM_{2.5} = particles less than or equal to 2.5 micrometers in diameter CO = carbon monoxide Each of the above activities does not occur at the same time; therefore, the maximum daily emissions represent the maximum emissions that would occur in one day. ¹ <u>Proposed construction activities were modeled using the earliest possible construction year, which results in a conservative estimate of emissions shown. It is anticipated that future years would result in lower emissions based on turnover in vehicle and equipment fleets and increasingly stringent emissions standards. Therefore, these emissions represent the maximum emissions that would occur during construction.</u> Source of emissions: FCS 2016—Winter Construction Results. Source of thresholds: South Coast Air Quality Management District 2009</p>						

Section 3.4, Biological Resources

Page 51

Text has been modified in response to comment OCPW-12, as follows:

Ruderal field vegetation consists of herbaceous, ruderal forb, and non-native grass species. The ruderal field habitat is subject to frequent disturbances associated with ~~fuel modification and~~ weed abatement. These disturbances include mowing and herbicide application. Additionally, many portions of the habitat have been utilized as staging areas for heavy equipment during maintenance activities of the adjacent basin. The ruderal field habitat provides suitable habitat for wildlife species common in disturbed, open areas.

Pages 61 and 63

Text has been modified in response to comments CDFW-3 and CDFW-4, as follows:

Mitigation Measures MM BIO-1, MM BIO-2 and MM BIO-6

Mitigation Measures

MM BIO-1 All construction adjacent to the Five Coves Mitigation Site will be conducted outside of the migratory bird season from February ~~March~~ 15 to September 15.

To avoid any direct and/or indirect impacts to resident and/or migratory birds, project-related construction activities adjacent to the mitigation site should occur outside of the migratory bird season (February ~~March~~ 15 to September 15).

MM BIO-2 For construction activities occurring outside and away from the Five Coves Mitigation Site within the nesting season, a qualified biologist will be contracted by the City of Anaheim to perform a pre-construction survey to determine the presence or absence of nesting birds and nesting raptors on or within 500 feet of the construction area. The pre-construction survey should be conducted no more than 3 ~~10~~ calendar days prior to the commencement of construction. If no active nests are detected or project activities occur outside of the avian nesting season, no further action is necessary and construction activities may proceed without biological monitoring requirements. If an active nest is located during pre-construction surveys, the USFWS and/or California Department of Fish and Wildlife (CDFW) (as appropriate) shall be notified regarding the status of the nest. Construction activities shall be restricted as necessary to avoid disturbance of the nest until it is abandoned or the agencies deem disturbance potential to be minimal. Restrictions may include establishment of exclusion zones (no ingress of personnel or equipment at a minimum radius of 100 feet around an active raptor nest and a 50-foot radius around an active migratory bird nest) or alteration of the construction schedule. An OCWD biological monitor shall be present during construction activities to maintain the exclusion zones, and to minimize construction impacts and ensure that no nest is removed or disturbed until all young have fledged.

MM BIO-6 Ongoing during project operation, all maintenance activities within and adjacent to the Five Coves Mitigation Site involving the use noise emitting equipment will occur outside of the migratory bird season from ~~February~~ March 15 to September 15.

Page 67

Text has been modified in response to comment OCPW-16, as follows:

The Proposed Project includes various park improvements, as discussed in Section 1.2 of this MND. Grading activities will include site contouring for the new trail, the development of vegetated bio-swales, soil excavation, and soil export. A ~~5~~ 20- to 30-foot-wide swath of native plantings will be installed between the trail and the adjacent homes and will be maintained with drip irrigation until established.

Section 3.9, Hydrology and Water Quality

Page 79, Paragraph 2

Text has been modified for clarification in response to comment OCPW-17, as follows:

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

Less than significant impact. Expansive soils expand or contract with changes in the moisture content. Typically, these types of soils contain clay minerals that absorb water. Based the laboratory test conducted for the geotechnical study, and the USCS visual manual classification, the deposits related to the Project site primarily consist of Metz loamy sand and Riverwash material (Exhibit 10: Soils Map). Metz loamy sand is categorized by the National Cooperative Soil Survey as somewhat excessively drained while Riverwash is excessive drained, so both possess a very low expansion potential. While there is no evidence of expansive soils on this site; however, prior to construction, the contractor shall submit a soils report to the City of Anaheim Public Works Department for review and approval. Said report will include soil testing to determine if expansiveness properties exist and if necessary, provide appropriate design measures to minimize any expansive soil hazards. Minor grading will occur on the Project site to build the trail, demonstration garden/children's education/nature play area, and bioswales. Impacts would be less than significant.

Page 98, Paragraph 5

Text has been modified for clarification in response to comment OCPW-17, as follows:

As noted above, the Project would be undertaken in accordance with the Orange County DAMP (refer to AMC Chapter 10.09). Prior to issuance of a Grading or Building Permit for the Project, the City of Anaheim Public Works Department would review the Project plans and impose terms, conditions, and requirements on the Project, as needed. Additionally, the Project would be subject to compliance with the City's Storm Drainage Master Plan Program, which addresses compliance with the 2003 DAMP.

Page 100, Paragraph 2

Text has been modified in response to comment OCPW-3, as follows:

The project site is adjacent to a drainage channel that flows into the Santa Ana River is present along the northern section. The channel, known as the Carbon Canyon Diversion Channel, is a flood control channel that extends from OCWD Miller Basin to the Santa Ana River. begins nearly a mile north at the Kraemer Basin and Carbon Canyon Creek. A 1.5-acre segment of the Carbon Canyon Diversion Channel represents the northeastern-most boundary of the Project site. This 1.5-acre segment of the channel with lined with rip rap rock sides and has soft rocky bottom. The diversion channel is separated from the Project site by a chain link fence. ~~The Channel is lined with gravel and rocks along both berms and contains scattered disturbed wetland habitat.~~ The proposed construction and operations of the Project would not alter, affect, or modify this drainage channel in any way, although the possibility of pollutants reaching the drainage exists. In accordance with the National Discharge Pollutant System, a Notice of Intent will be filed with the RWQCB and a SWPPP will be developed, approved and implemented that include bio-swales to prevent or reduce pollutants from leaving the site or reaching the diversion channel.

Page 100, Paragraph 4

Text has been modified in response to comment OCPW-3, as follows:

As described above, the Project site is adjacent to a drainage channel that flows into the Santa Ana River is present along the northern section. The channel, known as the Carbon Canyon Diversion Channel, is a flood control channel that extends from OCWD Miller Basin to the Santa Ana River begins nearly a mile north at the Kraemer Basin and Carbon Canyon Creek. A 1.5-acre segment of the Carbon Canyon Diversion Channel represents the northeastern-most boundary of the Project site. This 1.5-acre segment of the channel with lined with rip rap rock sides and has soft rocky bottom. The diversion channel is separated from the Project site by a chain link fence. ~~The Channel is lined with gravel and rocks along both berms and contains scattered disturbed wetland habitat.~~ The proposed construction and operations of the Project would not alter, affect, or modify this drainage channel in any way, although the possibility of pollutants reaching the drainage exists. In accordance with the National Discharge Pollutant System, a Notice of Intent will be filed with the RWQCB and a SWPPP will be developed, approved and implemented that include bio-swales to prevent or reduce pollutants from leaving the site or reaching the diversion channel.

Section 3.16, Transportation and Traffic, Page 124, Paragraph 6

Text has been modified in Section 3.16, Transportation and Traffic in response to comment OCPW-2, as follows:

It is anticipated that the majority of employees would arrive and depart from the site adjacent to the peak commute traffic periods (weekdays from 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m.) with a period of overlap. Each employee is assumed to drive to and from the construction site alone each day. It has been assumed that employees will arrive

up to 30 minutes prior to the workday and will leave up to 30 minutes after the workday ends. Parking for employees and non-employee vehicles will be accommodated within the Project staging area, which includes equipment staging. The project staging area is proposed to be located ~~in the area that will become the demonstration garden/children's education/nature play area~~ on property owned by OCWD.

Appendix A Long Term Operations and Maintenance, Page 5, Paragraph 5

The Long Term Operations and Maintenance Plan has been updated and is included in the Final IS/MND. The revised text is shown below.

5. Shot hole borer and Control

- a. Discussion: There are two invasive wood-boring beetles attacking many of the trees species found in common landscape, commercial groves and wildlands. They are the Polyphagous shot hole borer (PSHB) and the Kurosho shot hole borer (KSHB). They spread a disease called Fusarium Dieback (FD) caused by pathogenic fungi. Infected trees will show signs of branch die back, canopy loss to eventual tree mortality.
- b. Early symptoms of infestation are seen externally on the bark of the tree. The visual signs include sugary exudate (sugar volcano), staining, gumming, and frass. These symptoms are noticeable before the tiny beetles are found. The visible response varies among trees species. As a result regular visual tree and large shrub surveys are required to keep the disease in check and to keep from spreading.
- c. Inspection: A certified arborist will conduct inspections on foot quarterly to survey the park's trees and large shrubs to look for symptoms of a host's visible response to a shot hole borer infestation. A written report will be provided noting the findings and remediation activities if needed. If trees or branches of trees show signs of infestation, see Best Management Practices for disposal of infected vegetation below.
- d. Best Management Practices for disposal of infected vegetation: From UCIPM Green Bulletin, University of California agriculture and Natural Resources, Vol 6 No. 3, December 2016.
 - The removal of heavily infested reproductive hosts will help to reduce vector populations and the spread of the pest-disease complex.
 - Chip infested wood onsite to a size of one inch or smaller. If branches are too large to chip, solarize them under a clear tarp:
 - July–August: cover chips/logs with sturdy plastic for at least 6 weeks. Temperatures during these months should preferably be above 95°F.
 - September–June: cover chips/logs with sturdy plastic for at least 6 months.
 - Have wood chips composted at a professional composting facility that has earned the U.S. Composting Council's Seal of Testing Assurance at: <http://compostingcouncil.org/participants/>.
 - Sterilize pruning tools with either 5% household bleach, Lysol cleaning solution, or 70% ethyl alcohol to prevent the spread of pathogens through pruning tools.
 - Avoid moving infested wood and chipping material out of infested areas unless the material is covered or contained during transport.

- Transport wood or chips to a biogeneration facility (biogeneration facilities burn green waste and convert it into energy).
 - Transport wood or wood chips to a landfill where it will be used as Alternative Daily Cover.
- e. There is some promise in the use of chemical and biocontrol management. A definitive regimen has yet to be found. So far, early detection of infestation and removal of the infested branches will help reduce vector populations and the spread of this pest-disease complex and save the life of the tree (University of California, 2017).

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**Appendix A:
City of Anaheim Community Services Department
Anaheim Coves Operation and Maintenance Plan**

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CITY OF ANAHEIM
COMMUNITY SERVICES DEPARTMENT
ANAHEIM COVES
OPERATION AND MAINTENANCE PLAN

PURPOSE

The City of Anaheim, working in cooperation with the Orange County Water District (District), Southern California Edison (SCE), and the Orange County Flood Control District (OCFCD), is developing approximately 23 acres of passive recreational area at the District's Burris Basin, located at 9362 South Rio Vista, Anaheim, California, and continuing north to Frontera Street. When developed, the recreational area will be known as Anaheim Coves.

The area proposed for development is the area between the existing District maintenance road and much of the westerly border of the District's, SCE's, and OCFCD's property (see the attached Exhibit A). Improvements are proposed to include an 11 car porous asphalt parking lot at Ball Road, a 15 car porous asphalt parking lot at Lincoln Avenue, a combination porous asphalt pedestrian/bicycle trail and maintenance road, native landscaping, two restrooms, eight observation/seating areas and interpretive facilities.

Anaheim Coves will have general and specific operational and maintenance requirements to provide for the upkeep of the District's, SCE's, and OCFCD's property and facilitate public use.

Once construction of the recreational improvements begins, the City will assume primary responsibility for the operation and maintenance of Anaheim Coves and will provide area security, litter, graffiti and other cleanup services, landscape and other needs. The area between the water's edge and Anaheim Coves Maintenance road and/or fence line is referred to as the Burris Basin Habitat Management Area. No public access, including City staff, except with District approval, will be allowed in the Habitat Management Area.

By implementing the guidelines indicated below, City of Anaheim staff will be able to effectively operate and maintain the Anaheim Coves Recreation Area.

IMPLEMENTATION

Implementing an operation and maintenance plan for any area requires following specific and general policies, as well as a common sense approach to the everyday operation of the facility. The operation and maintenance policies to be followed will include, but are not limited to the following:

1. Trash Pickup - Trash will be picked up each morning on a daily basis. Should additional trash pickup be necessary, it will be accomplished on an "as-needed" basis. Trash cans are to be provided at every rest or view stop and in selected points throughout Anaheim Coves. Additional cans shall be provided should the need arise. To discourage scavenger animals, trash cans will be animal proof and have covers which will make it difficult to remove trash unless the can is actually being unloaded by maintenance personnel.

2. Native Plant Maintenance - Native plant maintenance in Anaheim Coves will be on a continuous basis. Deadheading of flowers and trimming shrubbery to keep pathways open will be the major tasks. These activities will primarily take place adjacent to the trail and observation points and outside of the Burris Basin Habitat Management Area. Native plant maintenance will generally be accomplished with the use of hand tools. All leaves and plant material trimmings will be kept on-site in Anaheim Coves and used to create natural mulching materials for site plantings. No storage area will be provided as the trimmings and plant litter will be left in place.
3. Road/Trail and Parking Lot Maintenance, Sweeping - The asphalt trail surface will be swept by a street sweeper at least once a month, unless otherwise needed. This will occur on Fridays, to better accommodate trail users. Should areas of the trail require additional maintenance (i.e. glass, pot holes, drainage), that will be accomplished on an "as-needed" basis and coordinated with the District. The parking lots will be swept once a week also likely on Fridays. Any noticeable spills (oil, coolant, etc.) in the parking areas or elsewhere will be cleaned promptly by the City. Repair work is expected to occur on an "as-needed" basis. This activity will be coordinated with the District to avoid the area's bird nesting season. Should emergency repair work be needed during nesting season, such work will be completed in coordination with the California Department of Fish and Game (CDFG) and the District's review and oversight.
4. Weed/Pest Control - Both noxious weed and pest control measures will initially be accomplished on an "as-needed" basis by contracted, licensed professional weed and pest control specialists. Controlled substances are subject to approval by the District and will be applied by licensed applicators. Exact schedules of when these applications are projected to be applied will occur after on-site experience dictates the need for the application and will be coordinated with the District. All weed debris will be disposed of off-site through normal maintenance trash pickup procedures. No exotic vegetation shall be removed from February 15 to September 15 unless a District approved biologist conducts a survey for nesting birds not more than 72 hours and not less than 24 hours prior to the vegetation removal. This is to insure that no nesting birds are impacted by the removal activity. The surveys will include the areas within 300 feet of the work area. Anaheim shall submit the mapped survey results to the District and CDFG for review and approval prior to treatment to insure full mitigation measures are in place. If active nests are found, a minimum 50 foot zone (500 feet for raptors) around the nest shall be identified on the ground by the placement of caution tape or similar material. No vegetation removal shall occur within the nest zone until the young birds have fledged, are no longer being fed by parents have left the nest or are no longer impacted by the work, even if the nest remains active beyond September 15. After the work has been completed, the monitoring biologist shall remove the tape so the nest does not attract unauthorized persons.

At least three weeks prior to actual weed and/or pest control operations by Anaheim, the following information will be submitted to the District's Water Quality and the Planning and Watershed Management Departments for review/approval/coordination:

- o Name of licensed herbicide/pesticide contractor documenting current license and overview of experience with recent applications near or potential for chemicals to migrate into waterways or water bodies.
- o List of proposed chemicals. The California Department of Pesticide Regulation (DPR) and the County Agricultural Commissioners (CACs) regulate the sale and use of pesticides in California and only those permitted chemicals are allowed. Any chemical(s) with restricted use within DPR's pesticide management zones in northern Orange County are excluded.

- A description of how chemicals will be applied (method used), concentration per application, frequency and duration of application.
- Selection criteria of chemicals to be used for pesticides and herbicides.

Unless approved by the District through the processes indicated above, no pesticides will be used at Anaheim Coves. No fertilizers will be used at Anaheim Coves. No herbicide or other chemicals will be applied if rain is predicted within one week. Also the irrigation system will not be operated for at least one week after herbicide or other chemical application.

It is anticipated that weed and pest control will primarily be accomplished through mechanical rather than chemical measures. Anaheim will utilize the District's existing storm drain system for water runoff collection. The runoff will be filtered through a series of bioswales which are designed to collect runoff water. As such, Anaheim does not anticipate chemical leaching or migration either from storm or irrigation water into the Burriss Basin water body.

5. Shot hole borer and Control

- a. Discussion: There are two invasive wood-boring beetles attacking many of the trees species found in common landscape, commercial groves and wildlands. They are the Polyphagous shot hole borer (PSHB) and the Kurosho shot hole borer (KSHB). They spread a disease called Fusarium Dieback (FD) caused by pathogenic fungi. Infected trees will show signs of branch die back, canopy loss to eventual tree mortality.
- b. Early symptoms of infestation are seen externally on the bark of the tree. The visual signs include sugary exudate (sugar volcano), staining, gumming, and frass. These symptoms are noticeable before the tiny beetles are found. The visible response varies among trees species. As a result regular visual tree and large shrub surveys are required to keep the disease in check and to keep from spreading.
- c. Inspection: A certified arborist will conduct inspections on foot quarterly to survey the park's trees and large shrubs to look for symptoms of a host's visible response to a shot hole borer infestation. A written report will be provided noting the findings and remediation activities if needed. If trees or branches of trees show signs of infestation, see Best Management Practices for disposal of infected vegetation below.
- d. Best Management Practices for disposal of infected vegetation: From UCIPM Green Bulletin, University of California agriculture and Natural Resources, Vol 6 No. 3, December 2016.
 - The removal of heavily infested reproductive hosts will help to reduce vector populations and the spread of the pest-disease complex.
 - Chip infested wood onsite to a size o one inch or smaller. If branches are too large to chip, solarize them under a clear tarp:
 - July –August: cover chips/logs with sturdy plastic for at least 6 weeks. Temperatures during these months should preferably be above 95°F.

- September – June: cover chips/logs with sturdy plastic for at least 6 months.
 - Have wood chips composted at a professional composting facility that has earned the U.S. Composting Council's Seal of Testing Assurance at: <http://compostingcouncil.org/participants/>.
 - Sterilize pruning tools with either 5% household bleach, Lysol cleaning solution, or 70% ethyl alcohol to prevent the spread of pathogens through pruning tools.
 - Avoid moving infested wood and chipping material out of infested areas unless the material is covered or contained during transport.
 - Transport wood or chips to a biogeneration facility (biogeneration facilities burn green waste and convert it into energy).
 - Transport wood or wood chips to a landfill where it will be used as Alternative Daily Cover.
 - For more information, visit the UC Riverside Eskalen Lab website at eskalenlab.ucr.edu or pshb.org.
- e. There is some promise in the use of chemical and biocontrol management. A definitive regimen has yet to be found. So far, early detection of infestation and removal of the infested branches will help reduce vector populations and the spread of this pest-disease complex and save the life of the tree.
6. Tree Trimming - Tree trimming will occur on an "as-needed" basis to insure proper clearance height where public use occurs or where it is necessary for the City to trim the tree for the health of the plant. Generally, trees will be allowed to assume their natural form; therefore, little tree trimming is anticipated. Trimming will not occur during the nesting season (February 15-September 15) of the raptors and wading birds and shall be coordinated with the District. Any trimmed large branches shall be removed from Anaheim Coves by the City.
 7. Restroom Maintenance - Restroom maintenance will occur in the mornings on a daily basis. Restrooms will be opened by the Park Maintenance staff with the opening of Anaheim Coves (approximately 7 AM) and will be closed at dusk by the Park Rangers.
 8. Dogs and horses- Dogs are only allowed on leash, per City ordinance. Doggy bag stations will be provided next to trash cans throughout Anaheim Coves to enable users to clean up after their pet. Horses shall be confined to the trail.
 9. General Cleanup and Maintenance Activities - Maintenance staff will periodically perform general cleanup and equipment repair activities within Anaheim Coves. These include, but are not limited to, observation/seating area cleanup, replacement of plant materials, repair and replacement of equipment and irrigation, animal waste, vandalism and graffiti repair, sign and site furniture graffiti removal, repair/replacement, building and fence repair and other items as needed.
 10. Signage - Throughout Anaheim Coves, there will be signage informing users of the rules and regulations pertaining to Anaheim Coves, as well as a telephone number to call for security or

emergency purposes. These will be enforced by the Park Rangers and, as necessary, by the Anaheim Police Department. In addition, there will be interpretive signage provided throughout, identifying points of interest, as well as reinforcing regulations.

11. Anaheim Coves at Burris Basin will be open from 7 AM to Dusk. Park Maintenance staff will open Anaheim Coves and Park Rangers will close it. At all times District staff will have access to all areas of Burris Basin.
12. Operating staff positions assigned to the facility will be determined once Anaheim Coves is nearer construction.
13. Decomposed granite areas - There are eight main observation/seating areas and other smaller areas around District (see Exhibit A) areas of decomposed granite in Anaheim Coves area. They will be maintained through normal maintenance procedures for Anaheim Coves unless erosion or other unforeseen activities occur requiring unusual maintenance response by Park Maintenance staff.
14. Irrigation Operation – All irrigation equipment will be permanent installations and controlled by the City of Anaheim’s central irrigation control system. Irrigation operation will be programmed to occur at night when Anaheim Coves is not in use. Irrigation controllers will be programmed to determine the frequency of watering, time of each watering cycle and other items pertinent to efficient watering activities. Irrigation spray will be directed away from the Burris Basin Habitat Management Area and appropriate flow sensors and other monitoring devices will be installed with the irrigation system to prevent a loss of water through water line breakage or other unexpected conditions. While runoff is anticipated to be minimal, what may occur will be captured by area bioswales and directed to the District’s existing storm drain system.
15. Turf Maintenance - There will be no turf on Anaheim Coves once the facility is developed.
16. Park Security - will be provided by City of Anaheim Park Rangers and the Anaheim Police Department. Although Anaheim Coves will be closed at dusk, the Park Rangers will patrol Anaheim Coves Monday through Friday 1:30 PM-10:30 PM and on Saturday and Sunday from 9:30 AM- 10:30 PM. A Park Ranger will conduct a driving patrol of the accessible interior of Anaheim Coves, with minor foot patrol to include restrooms and inspection of fencing. Generally, patrols are continuously varied as to specific route and schedule, with rangers stopping periodically at points offering an overview of the patrol area. The 45-60 minute patrols of Anaheim Coves would be alternated with patrols of nearby City facilities such as Juarez and Rio Vista Parks.

Any safety hazards would be documented and reported to the Senior Park Ranger for follow-up action and/or to appropriate City personnel for immediate repair. The Park Ranger will also be responsible for checking gate locks and locking the restrooms when appropriate to do so, as well as enforcing curfew starting at dusk. Should a situation develop that is beyond the capability of the Park Rangers, they have immediate radio contact with the Anaheim Police Department who will handle law enforcement issues. The Anaheim Police Department will also be responsible for the security of Anaheim Coves after the Park Ranger patrols have completed their daily routines. Security and emergency concerns at Anaheim Coves will be directly responded to by the City. The Park Rangers will ensure that users obey posted regulations and do not access the Burris Basin Habitat Management Area.

During the hours from Anaheim Coves opening, approximately 7 AM until the Park Rangers are

on duty, Park Maintenance staff, during their routine maintenance activities, will monitor use by the public. Should enforcement issues arise, they will contact the Anaheim Police Department for assistance in resolving enforcement issues.

17. Fencing- Any damages to the fencing surrounding the Burris Basin Habitat Management Area shall be repaired in no more than three days after damage is identified.
18. Permits - City retained contractor(s) will be required to obtain Building and Right of Way Encroachment Permits from the City for the structural, electrical and street improvements portions of the project. The contractor(s) will be required to adhere to and meet Best Management Practices and other regulatory requirements throughout the course of any capital project work.
19. Nesting Season - February 15 to September 15 is the nesting season for raptors and wading birds. The City will coordinate construction or large scale maintenance operations outside of nesting season. As necessary, if activities need to occur during the nesting season, the City will coordinate with the District, CDFG, USFWS and U.S. Army Corps of Engineers. As required by those agencies, the conditions identified on Exhibit B (attached) shall be implemented.
20. Bio-swales/Permeable paving - Site water will be diverted to catch basins and bio-swales to filter irrigation and storm water runoff. These areas will be frequently monitored to insure that there is no standing pools of water, dead or diseased plant materials are replaced, erosion control is adequate and that accumulated sediment and debris is removed that might impede runoff flows. The bioswales will drain to District's existing storm drain system at Burris Basin. Anaheim will maintain the storm drain system once it assumes maintenance responsibility for the area.

Storm water runoff from the new maintenance road and parking areas is expected to be minimal. These areas will be constructed of porous asphalt which filter any contaminants comingled with storm water runoff.
21. All Park Maintenance personnel at Anaheim Coves will be required to attend training classes that will focus on distinguishing raptor and shorebird species from other avian species. The classes shall be taught by a qualified biologist and will clearly explain that upon any new observation by Park Maintenance personnel of raptor or shorebird species, a qualified biologist shall be immediately notified and that maintenance activities within 300 feet for shorebirds and 500 feet for raptors of the observation will continue only at the discretion of the biologist.

EXHIBIT B
SUPPLEMENTAL REGULATORY CONDITIONS FOR WORK WITHIN
THE STATE AND FEDERAL JURISDICTIONAL AREAS OF THE
BURRIS BASIN RECREATION AREA

1. To the maximum extent feasible project construction, but not limited to, initial vegetation removal, exotic plant removal, restoration and enhancement shall be conducted outside the active migratory bird breeding season. (February 15 to September 15).
2. If avoidance of project construction during the active bird season is infeasible, a focused survey shall be conducted by a biological monitor, approved by the Orange County Water District (District) three days prior to the commencement of work. If active nests are observed within the proposed work area, the following contingency measures shall be implemented.
 - All vegetation clearing shall take place in the presence of a biological monitor approved by the District to ensure compliance with all avoidance measures. The biological monitor shall have the authority to stop or redirect activity if it is determined that the action is resulting in disruption of nesting behavior of migratory non-game native bird species. The monitor shall brief construction crews on the measures to be taken to minimize impacts to migratory non-game native bird species and its habitat before activities are conducted.
 - A minimum of three focused surveys shall be performed on separate days to determine the presence of nesting birds within 500 feet of anticipated activities, Surveys shall begin a maximum of seven days prior to initiation of construction activities (or any other activities that occur after a substantial break in construction monitoring), and one survey shall be conducted the day prior to initiation of work. If no active nests of bird species will be directly impacted, construction activities may proceed, and surveys of appropriate habitat within 500 feet of construction shall continue a minimum of once per week during construction activities.
 - If nesting activity is observed within 500 feet of anticipated activities, a nest monitoring program shall be initiated within 300 feet (500 feet for raptors) of nests and activities shall be postponed until the fledglings have dispersed, the nest has failed, or project biologist develops a plan to avoid and minimize impacts to nesting birds.
 - If Anaheim determines that it is necessary to conduct work during the breeding season and proposed activities are within 300 feet of a nest, Anaheim shall notify the District that it is implementing the nest monitoring program and shall coordinate with District and California Department of Fish and Game (CDFG) to develop the best approach to minimize impacts to nesting birds.
 - The nest monitoring program shall be conducted by a District or District approved biologist and shall consist of surveying for nesting activity twice per week, with visits occurring every three to four days. Whenever it is possible to clearly see into the nest, observations shall be made with the aid of binoculars and/or spotting scope. Visits to the nest shall be minimized. Weekly reports shall be submitted by e-mail to the District and CDFG.
 - If the District and CDFG approves the Anaheim avoidance and minimization measures approved by the District, work may be initiated within 300 feet of the nest. The monitoring biologist shall

determine whether bird activity is substantially disrupted. If the biologist determines that bird activity is being substantially disrupted. Anaheim shall stop work and coordinate with the District and CDFG to review the minimization approach. Coordination between Anaheim, the District and CDFG to review the minimization approach shall occur within 48 hours. Upon agreement as to the necessary revisions to the minimization approach, work may resume subject to the agreed to revisions and continued nest monitoring. Nest monitoring shall continue until fledglings have dispersed or the nest has been determined a failure, using the procedure described above.

3. No direct or indirect impacts shall occur to any threatened or endangered species, as a result of construction and operation of the project. If any threatened or endangered species could be impacted by the work proposal, United States Fish and Wildlife Service (USFWS) protocol surveys shall be conducted prior to implementing the project, of the project's mitigation activities. If necessary, Anaheim shall obtain the required state and federal threatened and endangered species permits. If there is no USFWS survey protocol for a particular listed species, the District and CDFG shall be provided copies of survey reports prior to project implementation and prior to the implementation of mitigation activities. This agreement does not authorize the take of any federal or state threatened or endangered species.
4. The removal of soil and vegetation from the Burris Basin Habitat Management Plan is not permitted.
5. Anaheim shall, to the maximum extent feasible avoid removal of follow up treatment of target exotic vegetation within Burris Basin from February 15 to September 15 to avoid impacts to nesting birds. However, Anaheim may conduct such removal/treatment of target vegetation during this time if a District biologist conducts a survey for nesting birds not more than 72 hours and no less than 24 hours prior to the vegetation treatment/removal, and ensures no nesting birds shall be impacted or disturbed by the activity. These surveys shall include the areas within 300 feet of the edge of the proposed impact/work areas. If active nests are found, a minimum 50-foot zone (500 feet for raptors) around the nest site shall be identified on the ground by the placement of caution tape or similar identity material. No vegetation removal/treatment or any work shall occur within the identified nest zone until the young have fledged, are no longer being fed by the parents, have left the nest, and will no longer be impacted by the project, even if the nest continues active beyond September 15. After each treatment application the monitoring biologist shall remove the identification tape, so that the nest site does not attract attention from unauthorized persons. Anaheim shall submit the mapped survey results to the District and CDFG for review and approval prior to treatment to ensure full avoidance measures are in place.
6. Anaheim shall remove non-native vegetation from the work area and disposal sites and shall dispose of it in a legal manner, in all cases it shall be placed in a manner which prevents its reestablishment in the waters of the State, and in such a manner so that it does not negatively effect other sensitive native habitat communities. If Anaheim determines that the treated non-native vegetation should be left in place, Anaheim shall provide to the District and CDFG a written description of where and why the treated vegetation should not be removed. If Anaheim does not receive a written positive response from the District and CDFG, the treated exotic vegetation shall be removed.
7. No herbicides shall be used on native vegetation, unless approved by the District and CDFG.
8. All herbicide use conditions for mixing, application and clean-up shall conform to all applicable

federal, State, and local regulations.

9. Any application of herbicide shall be done by a licensed applicator in coordination with the District in accordance with applicable federal, state and local laws. No herbicides shall be used when wind velocities are above 5 miles per hour. Any herbicide used where there is the possibility that the herbicide could come into direct contact with water shall be approved for use in an aquatic environment.
10. Herbicide mixing sites shall be located in areas devoid of vegetation, and where there is no potential of a spill reaching a vegetated area or waterbody.
11. Vegetation removed shall not be stockpiled on site.
12. No living native vegetation shall be removed from the project area, except as approved by the District and CDFG.
13. The Burriss Basin Operation and Maintenance Program will focus on the use of hand removal techniques and will minimize the use of chemical controls.
14. All maintenance activities to the extent feasible shall be scheduled outside of the breeding season between February 15 and September 15.
15. The removal of vegetation will be phased in such a manner as to encourage birds and other wildlife on the site to move toward other onsite habitat.
16. Additional lighting in the future shall not be allowed because illumination is potentially harmful to wildlife and native plant material in the Habitat Management Area. This is noted as part of the District's operation and maintenance of their mitigation areas and shall be adhered to per the district's permits.

ANAHEIM COVES



Legend

- Anaheim Coves Interpretive Trail
- O.C. Off-Road Paved Bikeway, Riding & Hiking Trail
- Entry Point
- Restroom
- Drinking Fountain
- Fitness Area
- Children's Play Area
- Parking
- Bridge Underpass
- Bike Maintenance Station



Anaheim Coves Interpretive Trail

Orange County Off-Road Paved Bikeway, Riding & Hiking Trail

Rio Vista St
ENTRANCE

SANTA ANA RIVER

BURRIS BASIN

Bird Island

Orange County Water District Pumping Station

PARKING

BALL ROAD ENTRANCE

BALL ROAD

FRONTERA STREET ENTRANCE

ARMANDO STREET ENTRANCE

PARK ROAD/SOUTH STREET ENTRANCE

LINCOLN AVENUE ENTRANCE

LINCOLN AVE.

SANTA ANA RIVER

5 COVES

FRONTERA ST.

CARBON CHANNEL