
**Final Initial Study and Mitigated Negative Declaration,
Responses to Comments, and
Mitigation Monitoring and Reporting Plan**

FIRE STATION 178 PROJECT

August 2021

Lead Agency:



**RANCHO
CUCAMONGA**

**10500 Civic Center Drive
Rancho Cucamonga, California 91730**

Prepared by:



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

**2861 Pullman Street
Santa Ana, CA 92705**

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FIRE STATION 178 PROJECT

Final Initial Study/Mitigated Negative Declaration

August 2021

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**FINAL MITIGATED NEGATIVE DECLARATION
FIRE STATION 178 PROJECT**

Lead Agency: City of Rancho Cucamonga

Project Proponent: City of Rancho Cucamonga

Project Location: The Proposed Project is located within the City of Rancho Cucamonga in southwest San Bernardino County. The project site is located in the Terra Vista neighborhood, along the south side of Town Center Drive, east of Haven Avenue at the intersection Town Center Drive and Terra Vista Parkway. The project site is currently vacant and is approximately 3.67 acres. The proposed fire station would be developed on roughly 2.23 acres while the remaining 1.44 acres is undeveloped with future site improvements. The project site APN is 1077-423-01.

Project Description: The project involves the construction of a new 12,363 square-foot (SF), two story fire station that would include two drive-through apparatus bays and one back-in apparatus bay, and a separate detached building (roughly 2,016 SF) for storage of a future reserve apparatus. The proposed fire station would be developed on the northern 2.23 acres of the site, while the southern 1.44-acre portion is undeveloped with future site improvements.

Onsite improvements would include the following: hardscape areas comprised of concrete pavers and permeable pavers, 22 total onsite parking for fire fight parking and public parking, site lighting through the property, landscape improvements, four bioretention basins, an apparatus washdown area, and outdoor training/fire fighter drill area. Soil infill and grading would address the current grade difference between the project site and Town Center Drive.

Offsite improvements would include construction of new response driveway apron at Town Center Drive, an additional driveway apron along Terra Vista Parkway to the rear of the fire station building, and a future traffic signal at the intersection of Town Center Drive and Terra Vista Parkway.

Public Review Period: July 16, 2021 to August 4, 2021

Mitigation Measures Incorporated into the Project to Avoid Significant Effects:

Biological Resources

BIO-1 Preconstruction Burrowing Owl Surveys: A preconstruction survey for burrowing owls should be completed within the Project site between 14 and 30 days prior to the start of ground-disturbing construction activities. A second survey shall be conducted no more than 24 hours prior to the start of ground-disturbing project activities. Methods and timing of the surveys shall be performed in accordance with the CDFW Staff Report on Burrowing Owl Mitigation (CDFW 2012). If burrowing owls are observed during the preconstruction survey and impacts to the owls or their burrow(s) are unavoidable, coordination with CDFW may need to occur in order to develop a specific mitigation methodology for Project in order to reduce impacts to a level that is less than significant. Mitigation measures for any owls present could include avoidance of the owl burrows during their nesting season and/or passive relocation of burrowing owls.

BIO-2 Preconstruction Survey for Nesting Birds: Any ground disturbance activities shall be conducted during the non-breeding season for birds (approximately September 1 through January 31) wherever feasible. This will avoid violations of the MBTA and California Fish and Game Code §§ 3503, 3503.5 and 3513. If activities with the potential to disrupt nesting birds are scheduled to occur during the bird breeding season (February 1 through August 31), a preconstruction nesting bird survey shall be conducted by a qualified biologist who is experienced in the identification of avian species and conducting nesting bird surveys no more than three (3) days prior to the start of construction activities. The nest surveys shall include the Project site and adjacent areas where Project activities have the potential to cause nest failure. If no nesting birds are observed during the survey, site preparation and construction activities may begin. If nesting birds (including nesting raptors) are found to be present, avoidance or minimization measures shall be undertaken to avoid potential Project-related impacts. Avoidance or minimization measures may include establishment of an avoidance buffer until nesting has been completed as determined through periodic and non-invasive nest monitoring conducted by a qualified biologist. The width of the no-disturbance buffer around the nest will be determined by the Project biologist based on species and location of the nest. Typically, this is 300 feet from the nest site in all directions for passerines (500 feet is typically recommended by CDFW for raptors), until the juveniles have fledged and there has been no evidence of a second attempt at nesting. The monitoring biologist will monitor the nest(s) during construction and document any findings.

Cultural Resources

CUL-1: Unanticipated Discoveries. In the event that cultural resources are discovered during project activities, all work in the immediate vicinity of the find (within a 100-foot buffer) shall cease and a qualified archaeologist meeting Secretary of Interior standards shall be hired to assess the find. Work on the other portions of the project outside of the buffered area may continue during this assessment period. The San Manuel Band of Mission Indians Cultural Resources Department (SMBMI) and Gabrieleno Band of Mission Indians-Kizh Nation shall be contacted, as detailed within **TCR-1** and **TCR-2**, regarding any pre-contact finds and be provided information after the

archaeologist makes his/her initial assessment of the nature of the find, so as to provide Tribal input with regards to significance and treatment.

- If significant pre-contact cultural resources, as defined by CEQA (as amended, 2015), are discovered and avoidance cannot be ensured, the archaeologist shall develop a Monitoring and Treatment Plan, the drafts of which shall be provided to SMBMI for review and comment, as detailed within **TCR-1**. The archaeologist shall monitor the remainder of the project and implement the Plan accordingly.
- If human remains or funerary objects are encountered during any activities associated with the project, work in the immediate vicinity (within a 100-foot buffer of the find) shall cease and the County Coroner shall be contacted pursuant to State Health and Safety Code §7050.5 and that code enforced for the duration of the project.

Geology and Soils

GEO-1: The Project Applicant shall implement the *Conclusions and Recommendations* and *Construction Considerations* as listed in the final site-specific geotechnical report (*Geotechnical Exploration City of Rancho Cucamonga Fire Station No. 178, Assessor Parcel Number 1077-422-58, South of Town Center Drive West of Terra Vista Parkway, Rancho Cucamonga, California*).

GEO-2: Unanticipated Discovery – Paleontological Resource. If paleontological resources (i.e., fossil remains) are discovered during excavation activities, the contractor will notify the City and cease excavation within 100 feet of the find until a qualified paleontological professional can provide an evaluation of the site. The qualified paleontological professional will evaluate the significance of the find and recommend appropriate measures for the disposition of the site (e.g. fossil recovery, curation, data recovery, and/or monitoring). Construction activities may continue on other parts of the construction site while evaluation and treatment of the paleontological resource takes place.

Noise

NOI-1: The Project improvement and building plans will include the following requirements for construction activities:

- In order to reduce construction noise, during the site preparation, grading, building construction and paving phases, a temporary noise barrier or enclosure shall be positioned between Project construction and the commercial land use to the west in a manner that breaks the line of sight between the construction equipment and that land use. The temporary noise barrier shall have a sound transmission class (STC) of 35 or greater in accordance with American Society for Testing and Materials Test Method E90, or at least 2 pounds per square foot to ensure adequate transmission loss characteristics. The temporary noise barrier should consist of a solid plywood fence at least 7/16-inch and/or flexible sound curtains, such as an 18-ounce tarp or a 2-inch-thick fiberglass blanket, attached to chain link fencing. The length, height, and location of noise control barrier walls shall be adequate to assure proper acoustical performance. All noise control barrier

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walls shall be designed to preclude structural failure due to such factors as winds, shear, shallow soil failure, earthquakes, and erosion.

- Construction contracts must specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state-required noise attenuation devices.
- A sign, legible at a distance of 50 feet, shall be posted at the Project construction site providing a contact name and a telephone number where one can inquire about the construction process and register complaints. This sign shall indicate the dates and duration of construction activities. In conjunction with this required posting, a noise disturbance coordinator will be identified to address construction noise concerns received. The coordinator shall be responsible for responding to any local complaints about construction noise. When a complaint is received, the disturbance coordinator shall notify the City within 24 hours of the complaint and determine the cause of the noise complaint (starting too early, malfunctioning muffler, etc.) and shall implement reasonable measures to resolve the complaint, as deemed acceptable by the City. All signs posted at the construction site shall include the contact name and the telephone number for the noise disturbance coordinator.
- Identification of construction noise reduction methods. These reduction methods may include shutting off idling equipment (5 minutes), installing temporary acoustic barriers around stationary construction noise sources, maximizing the distance between construction equipment staging areas and occupied residential areas, and using electric air compressors and similar power tools.
- During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers.
- Per Section 17.66.050 of the City's Development Code, construction shall be limited to the hours between 7:00 a.m. and 8:00 p.m., or any time on weekends or holidays.

Tribal Cultural Resources

TCR-1: San Manuel Band of Mission Indians (SMBMI). The SMBMI shall be contacted, as detailed in **CUL-1**, of any pre-contact cultural resources discovered during project implementation, and be provided information regarding the nature of the find, so as to provide Tribal input with regards to significance and treatment. Should the find be deemed significant, as defined by CEQA (as amended, 2015), a cultural resources Monitoring and Treatment Plan shall be created by the archaeologist, in coordination with SMBMI, and all subsequent finds shall be subject to this Plan. This Plan shall allow for a monitor to be present that represents SMBMI for the remainder of the project, should SMBMI elect to place a monitor on-site.

Any and all archaeological/cultural documents created as a part of the project (isolate records, site records, survey reports, testing reports, etc.) shall be supplied to the applicant and Lead Agency for dissemination to SMBMI. The Lead Agency and/or applicant shall, in good faith, consult with SMBMI throughout the life of the project.

TCR-2: Gabrieleno Band of Mission Indians-Kizh Nation. Prior to the commencement of any ground disturbing activity at the project site, the project applicant shall retain a Native American Monitor approved by the Gabrieleno Band of Mission Indians-Kizh Nation – the tribe that consulted on this project pursuant to Assembly Bill 52 (the “Tribe” or the “Consulting Tribe”). A copy of the executed contract shall be submitted to the City of Rancho Cucamonga Planning and Building Department prior to the issuance of any permit necessary to commence a ground-disturbing activity. The Tribal monitor will only be present on-site during the construction phases that involve ground-disturbing activities. Ground disturbing activities are defined by the Tribe as activities that may include, but are not limited to, pavement removal, potholing or auguring, grubbing, tree removals, boring, grading, excavation, drilling, and trenching, within the project area. The Tribal Monitor will complete daily monitoring logs that will provide descriptions of the day’s activities, including construction activities, locations, soil, and any cultural materials identified. The on-site monitoring shall end when all ground-disturbing activities on the Project Site are completed, or when the Tribal Representatives and Tribal Monitor have indicated that all upcoming ground-disturbing activities at the Project Site have little to no potential for impacting Tribal Cultural Resources. Upon discovery of any Tribal Cultural Resources, construction activities shall cease in the immediate vicinity of the find (not less than the surrounding 100 feet) until the find can be assessed. All Tribal Cultural Resources unearthed by project activities shall be evaluated by the qualified archaeologist and Tribal monitor approved by the Consulting Tribe. If the resources are Native American in origin, the Consulting Tribe will retain it/them in the form and/or manner the Tribe deems appropriate, for educational, cultural and/or historic purposes. If human remains and/or grave goods are discovered or recognized at the Project Site, all ground disturbance shall immediately cease, and the county coroner shall be notified per Public Resources Code Section 5097.98, and Health & Safety Code Section 7050.5. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2). Work may continue on other parts of the Project Site while evaluation and, if necessary, mitigation takes place (CEQA Guidelines Section 15064.5[f]). If a non-Native American resource is determined by the qualified archaeologist to constitute a “historical resource” or “unique archaeological resource,” time allotment and funding sufficient to allow for implementation of avoidance measures, or appropriate mitigation, must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and PRC Sections 21083.2(b) for unique archaeological resources.

Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.

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SECTION 1.0 INTRODUCTION

This document is the Final Initial Study/Mitigated Negative Declaration (IS/MND), including the Responses to Comments and the Mitigation Monitoring and Reporting Plan (MMRP), for the Fire Station 178 Project (Proposed Project). It has been prepared in accordance with the California Environmental Quality Act (CEQA) (Public Resource Code Section 21000 et. seq.) and the State CEQA Guidelines (California Code of Regulations Section 15000 et seq.), as amended. This Final IS/MND document supplements the Draft IS/MND released for public review on July 16, 2021.

The City of Rancho Cucamonga (City) is the Lead Agency for the Proposed Project. On July 16, 2021 City distributed the Draft IS/MND for the Proposed Project to public agencies and the general public for review and comment. In accordance with the State CEQA Guidelines, a 20-day review period, which ended on August 4, 2021, was completed. During the public review period, one comment letter on the Draft IS/MND was received. This Final IS/MND and MMRP document is organized as follows:

- Section 1.0 provides a discussion of the purpose of the document and discusses the structure of the document;
- Section 2.0 contains a summary of the project description;
- Section 3.0 describes the AB 52 consultation process;
- Section 4.0 includes the comment letters received and responses to these comments;
- Section 5.0 includes corrections and clarifications made to the Draft IS/MND in response to comments and a discussion regarding why these changes do not require recirculation for the Draft IS/MND; and
- Section 6.0 contains the Mitigation Monitoring and Reporting Plan (MMRP).

This Final IS/MND and MMRP document and the Draft IS/MND together constitute the environmental document for the Proposed Project.

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SECTION 2.0 PROJECT OVERVIEW

2.1 Project Characteristics

The project involves the construction of a new 12,363 SF, two story fire station that would include two drive-through apparatus bays and one back-in apparatus bay, and a separate detached building (roughly 2,016 SF) for storage of a future reserve apparatus. The proposed fire station would be developed on the northern 2.23 acres of the site, while the southern 1.44-acre portion is undeveloped with future site improvements. The station would operate with three staff on duty, 24 hours per day, 365 days per year.

Onsite improvements would include the following: hardscape areas comprised of concrete pavers and permeable pavers, 22 total onsite parking for fire fight parking and public parking, site lighting through the property, landscape improvements, three bioretention basins, an apparatus washdown area, and outdoor training/fire fighter drill area. In the future, the Project would also include solar panels on the roof of the facility. Soil infill and grading would address the current grade difference between the project site and Town Center Drive. Approximately 9,000 cubic CY of soils have been stockpiled on the south portion of the site and would be used to raise the base elevation of the site.

Offsite improvements would include construction of new response driveway apron at Town Center Drive, an additional driveway apron along Terra Vista Parkway, and a future traffic signal at the intersection of Town Center Drive and Terra Vista Parkway.

2.2 Project Timing

Construction is anticipated to begin in the first quarter of 2022 with a duration of approximately 16 months. The opening date is anticipated to occur in the fourth quarter of 2023.

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SECTION 3.0 AB 52 CONSULTATION

3.1 AB 52 Consultation Summary

Effective July 1, 2015, Assembly Bill (AB) 52 amended CEQA to require that: 1) a lead agency provide notice to those California Native American tribes that requested notice of projects proposed by the lead agency; and 2) for any tribe that responded to the notice within 30 days of receipt with a request for consultation, the lead agency must consult with the tribe. Topics that may be addressed during consultation include tribal cultural resources (TCRs), the potential significance of project impacts, type of environmental document that should be prepared, and possible mitigation measures and project alternatives.

On April 15, 2021 the City of Rancho Cucamonga sent project notification letters to the following California Native American tribes, which had previously submitted general consultation request letters pursuant to 21080.3.1(d) of the Public Resources Code:

- San Gabriel Band of Mission Indians
- San Manuel Band of Mission Indians
- Soboba Band of Luiseno Indians
- Torres Martinez Desert Cahuilla Indians
- Gabrieleno Band of Mission Indians – Kizh Nation
- Morongo Band of Mission Indians

The San Manuel Band of Mission Indians and Gabrieleno Band of Mission Indians – Kizh Nation requested consultation. Ultimately, the San Manuel Band of Mission Indians sent an email to the City on June 8, 2021 with a list of mitigation measures to be included in the Draft IS/MND. The Gabrieleno Band of Mission Indians – Kizh Nation also provided the City with a list of mitigation measures via email on June 15, 2021. The City and tribes have agreed to specific mitigation measures for tribal cultural resources. The City and tribes, acting in good faith and after reasonable effort, have concluded consultation.

Documentation of the AB 52 consultation process is included in Appendix A.

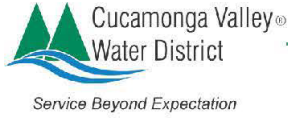
SECTION 4.0 COMMENTS AND RESPONSES

The 20-day public review period began on July 16, 2021 and ended on August 4, 2021. In conformance with Section 15088(a) of the State CEQA Guidelines, the City is required to consider comments received during the review period.

One comment letter was received from Cucamonga Valley Water District (District) on August 2, 2021. The comment letter and responses are presented below.

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Letter 1 – Cucamonga Valley Water District



10440 Ashford Street, Rancho Cucamonga, CA 91730-2799
P.O. Box 638, Rancho Cucamonga, CA 91729-0638
(909) 987-2591 Fax (909) 476-8032

John Bosler
Secretary/General Manager/CEO

August 2, 2021

City of Rancho Cucamonga
Attn: David Eoff
10500 Civic Center Drive.
Rancho Cucamonga, CA 91730

RE: Written Comments on the IS/MND – Fire Station 178 Project

Dear Mr. Eoff,

Thank you for providing Cucamonga Valley Water District (District) the opportunity to respond to the Initial Study / Mitigated Negative Declaration (IS/MND) for the Fire Station 178 Project. The following comments seek to clarify a few items stated in the document.

1. The District's 2020 Urban Water Management Plan (UWMP) was released recently and should be the latest reference for our water supply data. **1-1**
2. The District has not formally confirmed our facilities in this area have capacity to meet project demands. The developer should coordinate with our Engineering Department to confirm capacity in pipelines adjacent to the project. **1-2**
3. The District's Engineering Department should be included in the final design coordination. Our staff will need adequate time to perform our standard plan check. Designs of facilities connecting to our systems, or construction which have potential to impact our existing facilities, must be formally submitted prior to construction. Our Development Guidelines are available on our website at www.cvwwater.com/Development. **1-3**

The District staff thank you for this opportunity to respond to the IS/MND. If you have any questions or should need us to further elaborate on our responses, please contact me at (909) 987-2591 or e-mail at GidtiL@cvwdwater.com.

CUCAMONGA VALLEY WATER DISTRICT

Sincerely,

Gidti Ludesirishoti
Gidti Ludesirishoti, PE
Cucamonga Valley Water District

James V. Curatalo Jr.
President

Randall James Reed
Vice President

Luis Cetina
Director

Kevin Kenley
Director

Mark Gibboney
Director

Response to Comment 1-1:

This comment requests that the District's 2020 Urban Water Management Plan (UWMP) be referenced for the most recent water supply data. According to Table 7-2 through 7-4 in the 2020 UWMP, the District can meet water demands during normal years, single dry years, and five consecutive drought periods over the next 25 years.

A new reporting requirement for the 2020 UWMP is a five-year Drought Risk Assessment (DRA). The DRA is based on projections of demand and available supply for the next five years. The 2020 UWMP concludes that the supply of groundwater is fully reliable under a five-year drought, including consideration of historic droughts and potential impacts of climate change.

The conclusions in the 2020 UWMP are consistent with the analysis in the Draft IS/MND. The District predicts that it would have sufficient supply to meet water demands in the foreseeable future. As discussed in *Chapter 4.10* and *Chapter 4.19* of the Draft IS/MND, the project is consistent with the General Plan land use designation of Community Commercial and does not represent unplanned growth, given that the project site would be developed consistent with its land use and zoning designations. The Proposed Project would comply with the Water Shortage Contingency Plan outlined in the UWMP, if implemented. No revisions to the Draft IS/MND are necessary.

Response to Comment 1-2:

Comment noted. The City of Rancho Cucamonga will coordinate with the District's Engineering Department to confirm capacity in the pipelines adjacent to the Project.

Response to Comment 1-3:

Comment noted. The City of Rancho Cucamonga will coordinate with the District and will allow adequate time for a standard plan check. Designs of connecting facilities will be formally submitted for review by the District.

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**SECTION 5.0 CLARIFICATIONS TO THE DRAFT INITIAL
STUDY/MITIGATED NEGATIVE DECLARATION**

No revisions have been made to the Draft IS/MND.

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SECTION 6.0 MITIGATION MONITORING AND REPORTING PLAN

6.1 Introduction

In accordance with CEQA, an IS/MND that identified adverse impacts related to the construction activity for the *Fire Station 178 Project* was prepared. The MND identified mitigation measures that would reduce or eliminate these impacts to below the level of significance.

Section 21081.6 of the Public Resources Code and Sections 15091(d) and 15097 of the State CEQA Guidelines require public agencies to adopt a reporting and monitoring plan for changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment. A Mitigation Monitoring and Reporting Plan (MMRP) is required for the Proposed Project because the IS/MND identified potentially significant adverse impacts related to construction activity, and mitigation measures have been identified to mitigate these impacts. Adoption of the MMRP will occur along with approval of the Proposed Project.

6.2 Purpose of the Mitigation Monitoring and Reporting Plan

This MMRP has been prepared to ensure that all required mitigation measures are implemented and completed according to schedule and maintained in a satisfactory manner during the construction and operation of the Proposed Project, as required. The MMRP may be modified by the City during project implementation, as necessary, in response to changing conditions or other project refinements. Table 6-1 has been prepared to assist the responsible parties in implementing the MMRP. This table identifies the category of significant environmental impact(s), individual mitigation measures, monitoring and mitigation timing, responsible person/agency for implementing the measure, monitoring and reporting procedure, and notation space to confirm implementation of the mitigation measures. The numbering of the mitigation measures follows the numbering sequence in the IS/MND.

6.3 Roles and Responsibilities

The City of Rancho Cucamonga, as Lead Agency, is responsible for oversight of compliance of the mitigation measures in the MMRP.

6.4 Mitigation Monitoring and Reporting Plan

The column categories identified in the MMRP table (Table 6-1) are described below.

- **Mitigation Measure** – This column lists the mitigation measures by number.
- **Monitoring Activity/Timing/Frequency/Schedule** – This column lists the activity to be monitored for each mitigation measure, the timing of each activity, and the frequency/schedule of monitoring for each activity.

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- **Implementation Responsibility/Verification** – This column identifies the entity responsible for complying with the requirements of the mitigation measure and provides space for verification initials and date.
- **Responsibility for Oversight of Compliance/Verification** – This column provides the agency responsible for oversight of the mitigation implementation, and is to be dated and initialed by the agency representative based on the documentation provided by the construction contractor or through personal verification by agency staff.
- **Outside Agency Coordination** – this column lists any agencies with which the City may coordinate for implementation of the mitigation measure.
- **Comments** – this column provides space for written comments, if necessary.

**Table 6-1
Fire Station 178 Project
Mitigation Monitoring and Reporting Plan**

Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
Biology Resources Mitigation Measures					
<p>BIO-1: Preconstruction Burrowing Owl Surveys: A preconstruction survey for burrowing owls should be completed within the Project site between 14 and 30 days prior to the start of ground-disturbing construction activities. A second survey shall be conducted no more than 24 hours prior to the start of ground-disturbing project activities. Methods and timing of the surveys shall be performed in accordance with the CDFW Staff Report on Burrowing Owl Mitigation (CDFW 2012). If burrowing owls are observed during the preconstruction survey and impacts to the owls or their burrow(s) are unavoidable, coordination with CDFW may need to occur in order to develop a specific mitigation methodology for Project in order to reduce impacts to a level that is less than significant. Mitigation measures for any owls present could include avoidance of the owl burrows during their nesting season and/or passive relocation of burrowing owls.</p>	<p>Activity: Preconstruction survey for burrowing owls.</p> <p>Timing: Between 14 and 30 days prior to the start of ground-disturbing construction activities; no more than 24 hours prior to the start of ground-disturbing project activities.</p> <p>Frequency: One time.</p>	<p>Project Biologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>Possible coordination with CDFW.</p>	

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>BIO-2: Preconstruction Survey for Nesting Birds: Any ground disturbance activities shall be conducted during the non-breeding season for birds (approximately September 1 through January 31) wherever feasible. This will avoid violations of the MBTA and California Fish and Game Code §§ 3503, 3503.5 and 3513. If activities with the potential to disrupt nesting birds are scheduled to occur during the bird breeding season (February 1 through August 31), a preconstruction nesting bird survey shall be conducted by a qualified biologist who is experienced in the identification of avian species and conducting nesting bird surveys no more than three (3) days prior to the start of construction activities. The nest surveys shall include the Project site and adjacent areas where Project activities have the potential to cause nest failure. If no nesting birds are observed during the survey, site preparation and construction activities may begin. If nesting birds (including nesting raptors) are found to be present, avoidance or minimization measures shall be undertaken to avoid potential Project-related impacts. Avoidance or minimization measures may include establishment of an avoidance buffer until nesting has been completed as determined through</p>	<p>Activity: Preconstruction survey for nesting birds.</p> <p>Timing: No more than 3 days prior to ground disturbing activities.</p> <p>Frequency: One time.</p>	<p>Project Biologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>		

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>periodic and non-invasive nest monitoring conducted by a qualified biologist. The width of the no-disturbance buffer around the nest will be determined by the Project biologist based on species and location of the nest. Typically, this is 300 feet from the nest site in all directions for passerines (500 feet is typically recommended by CDFW for raptors), until the juveniles have fledged and there has been no evidence of a second attempt at nesting. The monitoring biologist will monitor the nest(s) during construction and document any findings.</p>					

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
Cultural Resources Mitigation Measures					
<p>CUL-1: Unanticipated Discoveries. In the event that cultural resources are discovered during project activities, all work in the immediate vicinity of the find (within a 100-foot buffer) shall cease and a qualified archaeologist meeting Secretary of Interior standards shall be hired to assess the find. Work on the other portions of the project outside of the buffered area may continue during this assessment period. The San Manuel Band of Mission Indians Cultural Resources Department (SMBMI) and Gabrieleno Band of Mission Indians-Kizh Nation shall be contacted, as detailed within TCR-1 and TCR-2, regarding any pre-contact finds and be provided information after the archaeologist makes his/her initial assessment of the nature of the find, so as to provide Tribal input with regards to significance and treatment.</p> <p>1. If significant pre-contact cultural resources, as defined by CEQA (as amended, 2015), are discovered and avoidance cannot be ensured, the archaeologist shall develop a Monitoring and Treatment Plan, the drafts of which shall be provided to SMBMI for review and</p>	<p>Activity: Archaeological evaluation of potential cultural resources.</p> <p>Timing: During ground disturbing construction activities.</p> <p>Frequency: As necessary during construction.</p>	<p>Qualified Archaeologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>Consulting Native American Tribal Governments</p>	

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>comment, as detailed within TCR-1. The archaeologist shall monitor the remainder of the project and implement the Plan accordingly.</p> <p>2. If human remains or funerary objects are encountered during any activities associated with the project, work in the immediate vicinity (within a 100-foot buffer of the find) shall cease and the County Coroner shall be contacted pursuant to State Health and Safety Code §7050.5 and that code enforced for the duration of the project.</p>					

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
Geology and Soils Mitigation Measures					
<p>GEO-1: The Project Applicant shall implement the <i>Conclusions and Recommendations and Construction Considerations</i> as listed in the final site-specific geotechnical report (<i>Geotechnical Exploration City of Rancho Cucamonga Fire Station No. 178, Assessor Parcel Number 1077-422-58, South of Town Center Drive West of Terra Vista Parkway, Rancho Cucamonga, California.</i>)</p>	<p>Activity: Incorporate recommendations from the project's geotechnical report into the project's design.</p> <p>Timing: During project design.</p> <p>Frequency: Once.</p>	<p>Project Engineer</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>		
<p>GEO-2: Unanticipated Discovery – Paleontological Resource. If paleontological resources (i.e., fossil remains) are discovered during excavation activities, the contractor will notify the City and cease excavation within 100 feet of the find until a qualified paleontological professional can provide an evaluation of the site. The qualified paleontological professional will evaluate the significance of the find and recommend appropriate measures for the disposition of the site (e.g. fossil recovery, curation,</p>	<p>Activity: Evaluation of potential paleontological resources by a qualified paleontologist.</p> <p>Timing: During ground disturbing</p>	<p>Qualified Paleontologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>		

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>data recovery, and/or monitoring). Construction activities may continue on other parts of the construction site while evaluation and treatment of the paleontological resource takes place.</p>	<p>construction activities.</p> <p>Frequency: As necessary during construction.</p>				
Noise					
<p>NOI-1: The Project improvement and building plans will include the following requirements for construction activities:</p> <ul style="list-style-type: none"> ■ In order to reduce construction noise, during the site preparation, grading, building construction and paving phases, a temporary noise barrier or enclosure shall be positioned between Project construction and the commercial land use to the west in a manner that breaks the line of sight between the construction equipment and that land use. The temporary noise barrier shall have a sound transmission class (STC) of 35 or greater in accordance with American Society for Testing and Materials Test Method E90, or at least 2 pounds per square foot to ensure adequate transmission loss 	<p>Activity: Implementation of noise-reduction methods.</p> <p>Timing: During ground disturbing construction activities.</p> <p>Frequency: As necessary during construction.</p>	<p>Project Engineer</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>		

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>characteristics. The temporary noise barrier should consist of a solid plywood fence at least 7/16-inch and/or flexible sound curtains, such as an 18-ounce tarp or a 2-inch-thick fiberglass blanket, attached to chain link fencing. The length, height, and location of noise control barrier walls shall be adequate to assure proper acoustical performance. All noise control barrier walls shall be designed to preclude structural failure due to such factors as winds, shear, shallow soil failure, earthquakes, and erosion.</p> <ul style="list-style-type: none"> ■ Construction contracts must specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state-required noise attenuation devices. ■ A sign, legible at a distance of 50 feet, shall be posted at the Project construction site providing a contact name and a telephone number where one can inquire about the construction process and register complaints. This sign shall indicate the dates and duration of construction activities. In 					

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>conjunction with this required posting, a noise disturbance coordinator will be identified to address construction noise concerns received. The coordinator shall be responsible for responding to any local complaints about construction noise. When a complaint is received, the disturbance coordinator shall notify the City within 24 hours of the complaint and determine the cause of the noise complaint (starting too early, malfunctioning muffler, etc.) and shall implement reasonable measures to resolve the complaint, as deemed acceptable by the City. All signs posted at the construction site shall include the contact name and the telephone number for the noise disturbance coordinator.</p> <ul style="list-style-type: none"> ■ Identification of construction noise reduction methods. These reduction methods may include shutting off idling equipment (5 minutes), installing temporary acoustic barriers around stationary construction noise sources, maximizing the distance between construction equipment staging areas and 					

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<p>occupied residential areas, and using electric air compressors and similar power tools.</p> <ul style="list-style-type: none"> ■ During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers. ■ Per Section 17.66.050 of the City's Development Code, construction shall be limited to the hours between 7:00 a.m. and 8:00 p.m., or any time on weekends or holidays. 					

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
Tribal Cultural Resources Mitigation Measures					
<p>TCR-1: San Manuel Band of Mission Indians (SMBMI). The SMBMI shall be contacted, as detailed in CUL-1, of any pre-contact cultural resources discovered during project implementation, and be provided information regarding the nature of the find, so as to provide Tribal input with regards to significance and treatment. Should the find be deemed significant, as defined by CEQA (as amended, 2015), a cultural resources Monitoring and Treatment Plan shall be created by the archaeologist, in coordination with SMBMI, and all subsequent finds shall be subject to this Plan. This Plan shall allow for a monitor to be present that represents SMBMI for the remainder of the project, should SMBMI elect to place a monitor on-site.</p> <p>Any and all archaeological/cultural documents created as a part of the project (isolate records, site records, survey reports, testing reports, etc.) shall be supplied to the applicant and Lead Agency for dissemination to SMBMI. The Lead Agency and/or applicant shall, in good faith, consult with SMBMI throughout the life of the project.</p>	<p>Activity: Tribal monitor shall be present during ground disturbing activities. Archaeological or cultural documents shall be disseminated to SMBMI.</p> <p>Timing: During construction.</p> <p>Frequency: As needed.</p>	<p>Qualified Archaeologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>San Manuel Band of Mission Indians</p>	

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>TCR-2: Gabrieleno Band of Mission Indians-Kizh Nation. Prior to the commencement of any ground disturbing activity at the project site, the project applicant shall retain a Native American Monitor approved by the Gabrieleno Band of Mission Indians-Kizh Nation – the tribe that consulted on this project pursuant to Assembly Bill 52 (the “Tribe” or the “Consulting Tribe”). A copy of the executed contract shall be submitted to the City of Rancho Cucamonga Planning and Building Department prior to the issuance of any permit necessary to commence a ground-disturbing activity. The Tribal monitor will only be present on-site during the construction phases that involve ground-disturbing activities. Ground disturbing activities are defined by the Tribe as activities that may include, but are not limited to, pavement removal, potholing or auguring, grubbing, tree removals, boring, grading, excavation, drilling, and trenching, within the project area. The Tribal Monitor will complete daily monitoring logs that will provide descriptions of the day’s activities, including construction activities, locations, soil, and any cultural materials identified. The on-site monitoring shall end when all ground-disturbing activities on the Project Site are completed, or when the Tribal</p>	<p>Activity: Tribal monitor shall be present during ground disturbing activities; evaluation and proper treatment of resources.</p> <p>Timing: During construction.</p> <p>Frequency: As needed.</p>	<p>Qualified Archaeologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>City of Rancho Cucamonga</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>	<p>Gabrieleno Band of Mission Indians-Kizh Nation</p>	

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Mitigation Measure	Monitoring Activity/Timing/ Frequency/ Schedule	Implementation Responsibility/ Verification	Responsibility for Oversight of Compliance/ Verification	Outside Agency Coordination	Comments
<p>Representatives and Tribal Monitor have indicated that all upcoming ground-disturbing activities at the Project Site have little to no potential for impacting Tribal Cultural Resources. Upon discovery of any Tribal Cultural Resources, construction activities shall cease in the immediate vicinity of the find (not less than the surrounding 100 feet) until the find can be assessed. All Tribal Cultural Resources unearthed by project activities shall be evaluated by the qualified archaeologist and Tribal monitor approved by the Consulting Tribe. If the resources are Native American in origin, the Consulting Tribe will retain it/them in the form and/or manner the Tribe deems appropriate, for educational, cultural and/or historic purposes. If human remains and/or grave goods are discovered or recognized at the Project Site, all ground disturbance shall immediately cease, and the county coroner shall be notified per Public Resources Code Section 5097.98, and Health & Safety Code Section 7050.5. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2). Work may continue on other parts of the Project Site while evaluation and, if necessary, mitigation takes place (CEQA Guidelines Section 15064.5[f]). If a non-Native</p>					

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<p>American resource is determined by the qualified archaeologist to constitute a "historical resource" or "unique archaeological resource," time allotment and funding sufficient to allow for implementation of avoidance measures, or appropriate mitigation, must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and PRC Sections 21083.2(b) for unique archaeological resources.</p> <p>Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.</p>					

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SECTION 7.0 LIST OF APPENDICES

Appendix A – AB 52 Consultation

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