

## **APPENDIX E**

Cultural Resources Constraints Survey,  
RECON Environmental, Inc.



*An Employee-Owned Company*

January 6, 2023

Mr. Joseph Broadhead  
Principal Water Resource Specialist  
Eastern Municipal Water District  
2270 Trumble Road  
Perris, CA 92572

Reference: Cultural Resources Survey for the Steeplechase and Kalmia Booster Pump Station Project  
(RECON Number 9295-16)

Dear Mr. Broadhead:

This letter details the results of a cultural resources survey conducted for the Steeplechase and Kalmia Booster Pump Station Project (project). RECON Environmental, Inc. (RECON) conducted background research, reviewed historic aerial photographs, and conducted a pedestrian survey to provide necessary information to identify potentially significant cultural resources impacts from the project.

## **PROJECT DESCRIPTION**

The project consists of the construction of a new booster pump station that would increase pumping capacity to provide system capacity/reliability. The new booster pump station would be fenced. The project is located in the city of Moreno Valley, California at 25565 Kalmia Avenue (Figures 1 through 3). Access to the project area is regionally provided by Interstate 215 (I-215). Local access from I-215 is provided by Ironwood Avenue to north on Kitching Street, to east on Kalmia Avenue. The project area is approximately 5.2 miles from I-215. The new booster pump station would replace the existing Steeplechase Kalmia booster pump station at 11515 Steeplechase Drive and would draw suction from the Kalmia Reservoir. The project includes approximately 1,400 linear feet of 12-inch piping from the proposed project area to the existing check valve located east of Slawson Avenue.

## **METHODS**

In order to determine if the project would adversely impact significant cultural resources, background research, review of historic aerial photographs and an on-foot survey of the project area were completed. Prior to the survey, a records search from the Eastern Information Center was reviewed to identify any previously recorded cultural resources recorded within a one-mile radius of the project areas. RECON archaeologist Carmen Zepeda-Herman, M.A., conducted a pedestrian survey on May 3, 2021. Ms. Zepeda-Herman served as principal investigator and field archaeologist. Ms. Zepeda-Herman is a member of the Register of Professional Archaeologists and meets the Secretary of the Interior Standards for Archeology and Historic Preservation.

The primary goal of this survey was to determine (1) if there are previously unrecorded cultural resources present, and if so, document the resources' locations and what they consist of, and (2) to update conditions of previously recorded cultural resources. The project area was inspected for evidence of archaeological materials such as flaked and ground stone tools or fragments, ceramics, milling features, and human remains. Photographs were taken to document the environmental setting and general conditions.

In addition, a letter was sent on May 7, 2021 to the Native American Heritage Commission (NAHC) requesting they search their files to identify spiritually significant and/or sacred sites or traditional use areas in the project vicinity (Attachment 1). The NAHC was also asked to provide a list of local Native American tribes, bands, or individuals that may have concerns or interests regarding cultural resources potentially occurring within the area of potential effect.

## **BACKGROUND RESEARCH**

RECON conducted an in-house records search from data provided by the Eastern Information Center on August 3, 2020 for a project in the vicinity of the current project area. Within one mile of the project area, there are 12 cultural resources consisting of 11 prehistoric sites and 1 prehistoric isolated artifact (Confidential Attachment 1). The majority of the prehistoric sites are bedrock milling features; two sites consist of lithic and ground stone scatters. None of these resources are within the project area. As part of the background research, RECON also sent a sacred lands search request to the NAHC on May 7, 2021. A response was received from the NAHC on May 20, 2021 indicating that the results were negative (see Attachment 1).

RECON reviewed historic aerial photographs of the project site. The earliest photograph dates to 1966. In 1966, the project site was not developed and looked to be in an alluvial area. Similar conditions were noted until the 1997 photograph when the existing pad had been graded and the tank installed. The next change was the installation of the existing concrete pad in the 2012 photograph (Nationwide Environmental Title Research, LLC [NETR] 2021).

## **RESULTS OF SURVEY**

On May 3, 2021, Ms. Zepeda-Herman conducted a pedestrian survey of project area and no cultural resources were identified. The project area has been completely developed and covered in what appears to be imported fill and road gravel. A cement drainage ditch run along the west side of the project area.

## **REGULATORY CONTEXT**

### **National Register of Historic Places Eligibility Criteria**

A cultural resource that qualifies for the National Register of Historic Places (National Register) is considered significant in terms of the planning process under the National Historic Preservation Act, National Environmental Policy Act, and other federal mandates. The National Register Criteria for Evaluation (36 Code of Federal Regulations [CFR] 60.4) provides guidance in determining a cultural resource's eligibility for listing on the National Register. This states that the quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- A. is associated with events that have made a significant contribution to the broad patterns of our history; or
- B. is associated with the lives of persons significant in our past; or,
- C. embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or that possesses high artistic values, or that represents a significant and distinguishable entity whose components may lack individual distinction; or
- D. has yielded, or may be likely to yield, information important in prehistory or history [36 CFR 60.4].

## California Environmental Quality Act

The regulatory framework and methods for determining impacts on cultural resources include compliance with California Environmental Quality Act (CEQA) requirements as defined in Section 15064.5 of the CEQA Guidelines, Determining the Significance of Impacts to Archaeological and Historical Resources. These guidelines require the identification of cultural resources that could be affected by the proposed project, the evaluation of the significance of such resources, an assessment of the proposed project impacts on significant resources, and a development of a research design and data recovery program to avoid or address adverse effects to significant resources. Significant resources, also called historical resources, are those cultural resources (whether prehistoric or historic) that have been evaluated and determined to be eligible for listing in the California Register of Historical Resources.

According to CEQA Section 15064.5(a), a historical resource includes the following:

1. A resource listed in, or determined to be eligible for listing on, the California Register of Historical Resources.
2. A resource included in the local register.
3. A resource which an agency determines to be historically significant. Generally a resource shall be considered to be "historically significant," if the resource meets the criteria for listing on the California Register of Historical Places (Public Resources Code Section 5024.1 Title 14 California Code of Regulations, Section 4852) including the following:
  - A. Is associated with events that have made a significant contribution to the broad patterns of California's history or cultural heritage;
  - B. Is associated with the lives of persons important in our past;
  - C. Embodies the distinctive characteristics of a type, period, region or method of construction or represents the work of an important creative individual, or possesses high artistic values; or
  - D. Has yielded, or maybe likely to yield, information important to prehistory or history.
4. The fact that a resource is not listed in or determined to be eligible for listing in the California Register of Historical Resources or a local register does not preclude a lead agency from determining that the resource may be an historical resource as defined in Public Resources Code Sections 5020.1(j) or 5024.1.

A resource must meet one of the above criteria and must have integrity; that is, it must evoke the resource's period of significance or, in the case of Criterion D, it may be disturbed, but it must retain enough intact and undisturbed deposits to make a meaningful data contribution to regional research issues.

## MANAGEMENT RECOMMENDATIONS

No prehistoric or historic cultural resources were observed during the survey of the project area. Because the project area has been completely developed, the possibility of intact buried significant cultural resources being present within the project area is considered low. The project will not result in a significant impact to cultural resources. RECON recommends no further cultural resources work for this project.

Mr. Joseph Broadhead

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If you have any questions or concerns about this project, please call me at (619) 308-9333, extension 133.

Sincerely,

A handwritten signature in black ink that reads "Carmen Zepeda-Herman". The signature is written in a cursive, flowing style.

Carmen Zepeda-Herman

Project Archaeologist

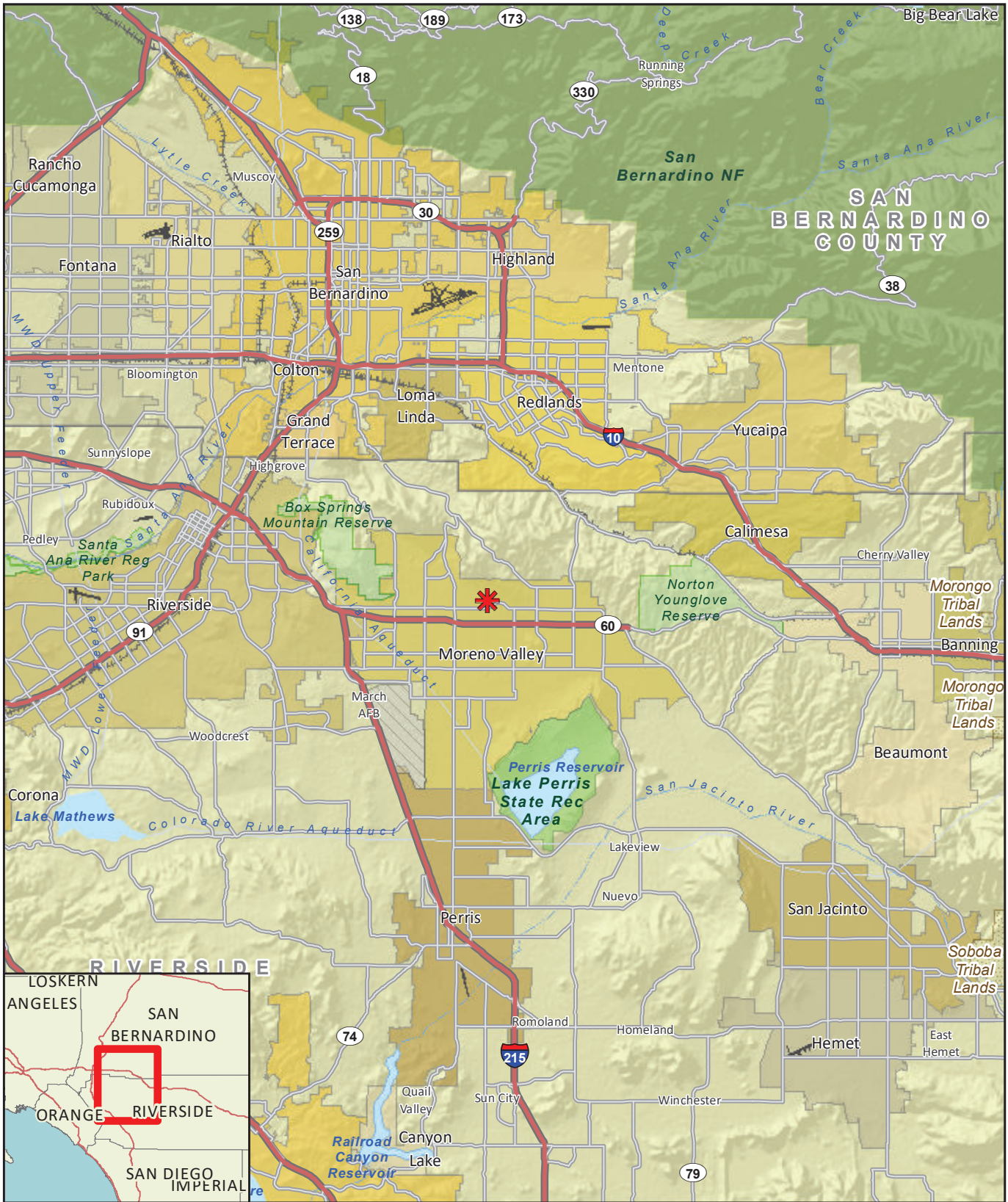
CZH;jg:sh

Attachment

#### **REFERENCE CITED**

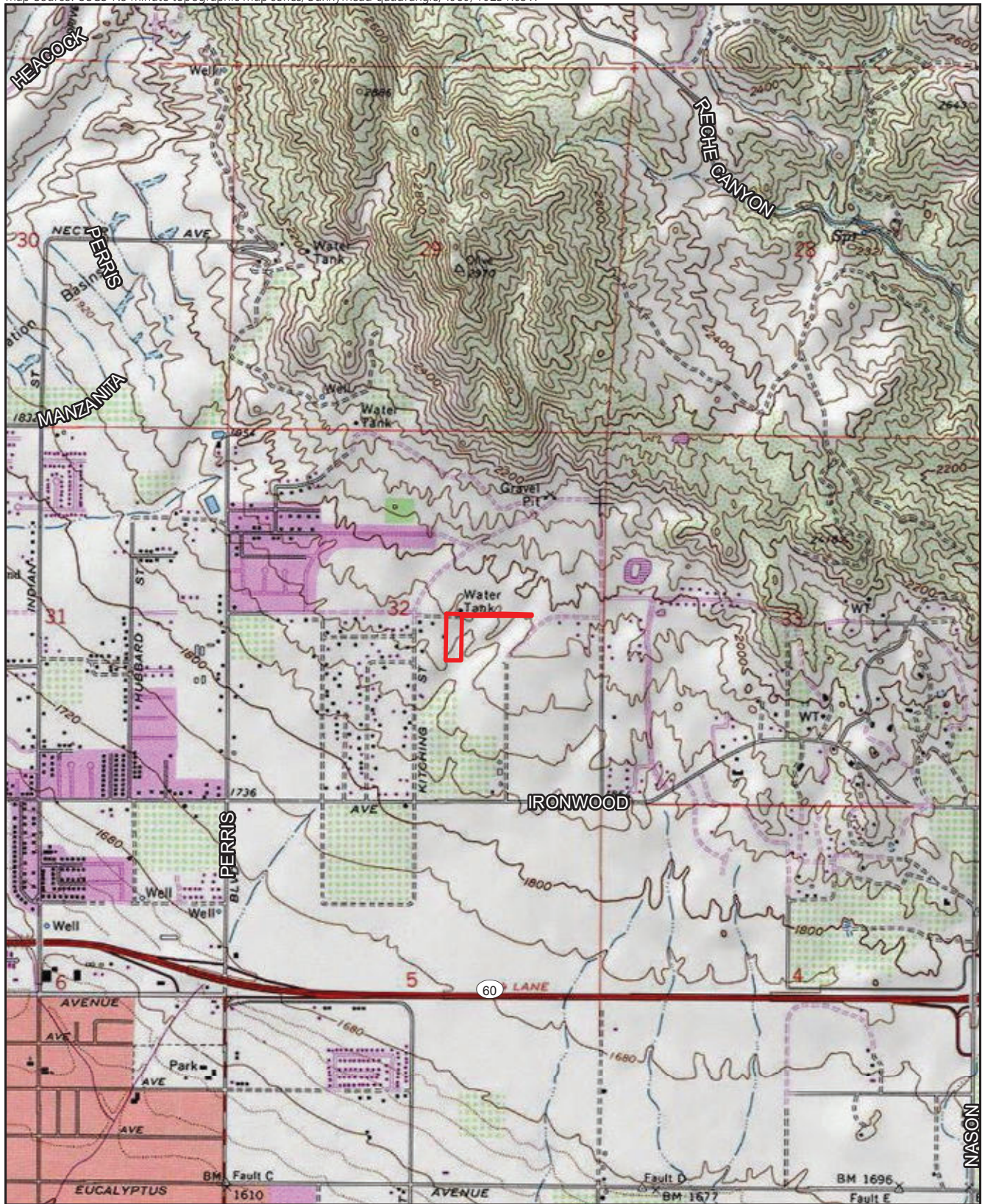
Nationwide Environmental Title Research, LLC (NETR)

2021 Historic Aerials. <http://www.historicaerials.com/>. Accessed on May 5, 2021.



 Project Location

FIGURE 1  
Regional Location



 Project Boundary

FIGURE 2  
Project Location on USGS Map



Project Boundary

FIGURE 3  
Project Location on Aerial Photograph



## **ATTACHMENT 1**

Native American Heritage Commission Correspondence

**NATIVE AMERICAN HERITAGE COMMISSION**

May 20, 2021

Carmen Zepeda-Herman  
RECON Environmental, Inc.Via Email to: [czepeda@reconenvironmental.com](mailto:czepeda@reconenvironmental.com)**Re: Steeplechase RECON #9526.16 Project, Riverside County**

Dear Ms. Zepeda-Herman:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: [Andrew.Green@nahc.ca.gov](mailto:Andrew.Green@nahc.ca.gov).

Sincerely,

Andrew Green  
Cultural Resources Analyst

Attachment

CHAIRPERSON  
**Laura Miranda**  
LuiseñoVICE CHAIRPERSON  
**Reginald Pagaling**  
ChumashSECRETARY  
**Merri Lopez-Keifer**  
LuiseñoPARLIAMENTARIAN  
**Russell Attebery**  
KarukCOMMISSIONER  
**William Mungary**  
Paiute/White Mountain  
ApacheCOMMISSIONER  
**Julie Tumamait-  
Stenslie**  
ChumashCOMMISSIONER  
[Vacant]COMMISSIONER  
[Vacant]COMMISSIONER  
[Vacant]EXECUTIVE SECRETARY  
**Christina Snider**  
Pomo**NAHC HEADQUARTERS**  
1550 Harbor Boulevard  
Suite 100  
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California 95691  
(916) 373-3710  
[nahc@nahc.ca.gov](mailto:nahc@nahc.ca.gov)  
[NAHC.ca.gov](http://NAHC.ca.gov)

**Native American Heritage Commission  
Native American Contact List  
Riverside County  
5/20/2021**

**Agua Caliente Band of Cahuilla  
Indians**

Jeff Grubbe, Chairperson  
5401 Dinah Shore Drive  
Palm Springs, CA, 92264  
Phone: (760) 699 - 6800  
Fax: (760) 699-6919  
Cahuilla

**Los Coyotes Band of Cahuilla  
and Cupeño Indians**

Ray Chapparosa, Chairperson  
P.O. Box 189  
Warner Springs, CA, 92086-0189  
Phone: (760) 782 - 0711  
Fax: (760) 782-0712  
Cahuilla

**Agua Caliente Band of Cahuilla  
Indians**

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ACBCI-THPO@aguacaliente.net  
Cahuilla

**Morongo Band of Mission  
Indians**

Ann Brierty, THPO  
12700 Pumarra Road  
Banning, CA, 92220  
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Fax: (951) 572-6004  
abrierty@morongo-nsn.gov  
Cahuilla  
Serrano

**Augustine Band of Cahuilla  
Mission Indians**

Amanda Vance, Chairperson  
P.O. Box 846  
Coachella, CA, 92236  
Phone: (760) 398 - 4722  
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Cahuilla

**Morongo Band of Mission  
Indians**

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Cahuilla  
Serrano

**Cabazon Band of Mission  
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Phone: (760) 342 - 2593  
Fax: (760) 347-7880  
jstapp@cabazonindians-nsn.gov  
Cahuilla

**Pala Band of Mission Indians**

Shasta Gaughen, Tribal Historic  
Preservation Officer  
PMB 50, 35008 Pala Temecula  
Rd.  
Pala, CA, 92059  
Phone: (760) 891 - 3515  
Fax: (760) 742-3189  
sgaughen@palatribe.com  
Cupeno  
Luiseno

**Cahuilla Band of Indians**

Daniel Salgado, Chairperson  
52701 U.S. Highway 371  
Anza, CA, 92539  
Phone: (951) 763 - 5549  
Fax: (951) 763-2808  
Chairman@cahuilla.net  
Cahuilla

**Pechanga Band of Luiseno  
Indians**

Paul Macarro, Cultural Resources  
Coordinator  
P.O. Box 1477  
Temecula, CA, 92593  
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pmacarro@pechanga-nsn.gov  
Luiseno

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Steeplechase RECON #9526.16 Project, Riverside County.

**Native American Heritage Commission  
Native American Contact List  
Riverside County  
5/20/2021**

***Pechanga Band of Luiseno Indians***

Mark Macarro, Chairperson  
P.O. Box 1477 Luiseno  
Temecula, CA, 92593  
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Fax: (951) 695-1778  
epreston@pechanga-nsn.gov

***Quechan Tribe of the Fort Yuma Reservation***

Jill McCormick, Historic  
Preservation Officer  
P.O. Box 1899 Quechan  
Yuma, AZ, 85366  
Phone: (760) 572 - 2423  
historicpreservation@quechantribe.com

***Quechan Tribe of the Fort Yuma Reservation***

Manfred Scott, Acting Chairman  
Kw'ts'an Cultural Committee  
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scottmanfred@yahoo.com

***Ramona Band of Cahuilla***

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***Ramona Band of Cahuilla***

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***Rincon Band of Luiseno Indians***

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Valley Center, CA, 92082  
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***Rincon Band of Luiseno Indians***

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One Government Center Lane Luiseno  
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***San Manuel Band of Mission Indians***

Jessica Mauck, Director of  
Cultural Resources  
26569 Community Center Drive Serrano  
Highland, CA, 92346  
Phone: (909) 864 - 8933  
jmauck@sanmanuel-nsn.gov

***Santa Rosa Band of Cahuilla Indians***

Lovina Redner, Tribal Chair  
P.O. Box 391820 Cahuilla  
Anza, CA, 92539  
Phone: (951) 659 - 2700  
Fax: (951) 659-2228  
Isaul@santarosa-nsn.gov

***Soboba Band of Luiseno Indians***

Joseph Ontiveros, Cultural  
Resource Department  
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San Jacinto, CA, 92581 Luiseno  
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Native American Heritage Commission  
Native American Contact List  
Riverside County  
5/20/2021

***Soboba Band of Luiseno  
Indians***

Isaiah Vivanco, Chairperson  
P. O. Box 487  
San Jacinto, CA, 92581  
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ivivanco@soboba-nsn.gov

Cahuilla  
Luiseno

***Torres-Martinez Desert Cahuilla  
Indians***

Michael Mirelez, Cultural  
Resource Coordinator  
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mmirelez@tmdci.org

Cahuilla

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# CONFIDENTIAL ATTACHMENT 1

(Not for Public Review)