

**CULTURAL RESOURCES SURVEY REPORT
FOR THE
SOUTH OF IRIS 2021 PROJECT
MORENO VALLEY, CALIFORNIA
(APNs 316-030-002, -018, and -019)**

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Submitted by:

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3421 Voltaire Street
San Diego, CA 92106
LME Project #2200

Andrew R. Pignuolo, RPA
and
Carol Serr

April 2022



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National Archaeological Data Base Information

Type of Study: Cultural Resource Survey

Sites: None

USGS Quadrangle: Sunnymead 7.5'

Area: 9.58 Acres

Key Words: City of Moreno Valley, cultural resource survey, Iris Avenue, negative survey

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ABSTRACT

Laguna Mountain Environmental, Inc. (Laguna Mountain) conducted an intensive archaeological survey of a 9.58-acre parcel in the City of Moreno Valley for a proposed multi-family residential project. The archaeological investigation included a records search, literature review, examination of historic maps, and archaeological field survey of the property.

Cultural resource work was conducted in accordance with the California Environmental Quality Act (CEQA), the California Code of Regulations (CCR), and related implementing regulations and guidelines. The City of Moreno Valley will serve as lead agency for the project and CEQA compliance.

A records search covering the project area and a one-mile radius was requested from the Eastern Information Center (EIC) at the University of California, Riverside to provide data on previously recorded cultural resources in the area. The records search results indicate that the project area has not been previously surveyed and that no cultural resources have previously been recorded in the current project area. At least 28 cultural investigations have been documented within a one mile radius of the project area. Six cultural resources have been recorded within a mile of the project as a result of these investigations; all historic except on prehistoric isolate artifact.

The current survey was conducted on January 25, 2022 by Andrew R. Pignolo. It included an intensive 10 to 15-m interval transect survey throughout the project area. The project area has been previously disturbed by past agricultural use, residential development, and recent disking. Surface visibility was partially limited by spring herbs and grasses but due to disking averaged approximately 60 percent surface visibility. The property was entirely open and no major constraints to the survey were present. The cultural resources survey of the project adequately served to identify cultural resources.

No prehistoric cultural resources were observed within the project area. The parcel was level and mostly void of vegetation. The single residential structure at 24581 Iris Avenue, previously located within the project area was constructed in 1978 and therefore was not of historic age. No historic nor prehistoric cultural resources were observed during the survey within the project area.

Impacts to cultural resources eligible for the California Register of Historic Resources and significant under the CEQA will not occur. No significant impacts to cultural resources are anticipated to result from this project.

The project is partially underlain by alluvial soils that may be of Holocene age. The alluvial soils retain potential for buried cultural resources. Cultural resource monitoring by archaeological and Native American monitors during construction excavation and grading of native soils is recommended.

I. INTRODUCTION

A. Project Location and Description

The proposed action is a multi-family residential development on 9.58 acres located within the City of Moreno Valley in western Riverside County (Figure 1). The project is approximately 3 1/3 miles south of State Route 60, 2 miles east of Interstate 215, and 3 miles northwest of Lake Perris. It is on the south side of Iris Avenue between Indian Street and Emma Lane. The northern portion of the project area is addressed as 24581 Iris Avenue. The project involves three parcels (APNs 316-030-002, 316-030-018, and 316-030-019) situated in the northeast quarter of Section 30 in Township 3 South, Range 3 West as shown on the Sunnymead USGS 7.5' Quadrangle (Figure 2). Construction of adjacent street improvements are planned in association with this project.

The project proposes to construct a private community with 78 2-story single-family residential buildings (Figure 3). The plans indicate that the residential developments have four distinct design plans varying in square footage. The proposed vehicular access is shared between six dwelling units via one common driveway that connects private driveways for each unit with the proposed north/south private collector road between Iris Avenue and Goya Avenue. To discourage speeding, the private street meanders. Additional site developments will include construction of roadways, landscape, drainage, utilities, and the development of a water quality basin. A retention basin has been proposed in the southeastern portion of the site.

The current archaeological survey program was conducted pursuant to the California Environmental Quality Act (CEQA), the California Code of Regulations (CCR), and related implementing regulations and guidelines. The City of Moreno Valley will serve as lead agency for the project and CEQA compliance. CEQA requires local agencies to take into account the effect of projects on properties included, or eligible for inclusion, in the California Register of Historical Resources (California Register). The archaeological survey was conducted to determine if any cultural resources eligible for inclusion in the California Register will be affected by this project.

B. Project Personnel

The cultural resource inventory was conducted by Laguna Mountain Environmental Inc. (Laguna Mountain). Mr. Andrew R. Pigniolo served as Principal Investigator for the project. Mr. Pigniolo meets the Secretary of the Interior's standards for qualified archaeologists. Mr. Pigniolo is on the County of Riverside Cultural Resources Consultant List. Mr. Pigniolo has an MA degree in Anthropology from San Diego State University and has extensive experience in the southern California region. His resume is included as Appendix A.

Ms. Carol Serr requested the records search, prepared the report graphics, and formatted the report. She has a B.A. in Anthropology from San Diego State University and more than 41 years of experience in southern California archaeology.

C. Structure of the Report

This report follows the State Historic Preservation Office's guidelines for Archaeological Resource Management Reports (ARMR). The report introduction provides a description of the project and associated personnel. Section II provides background on the project area and previous research. Section III describes the research design and survey methods, while Section IV describes the survey results. Section V provides a summary and recommendations.

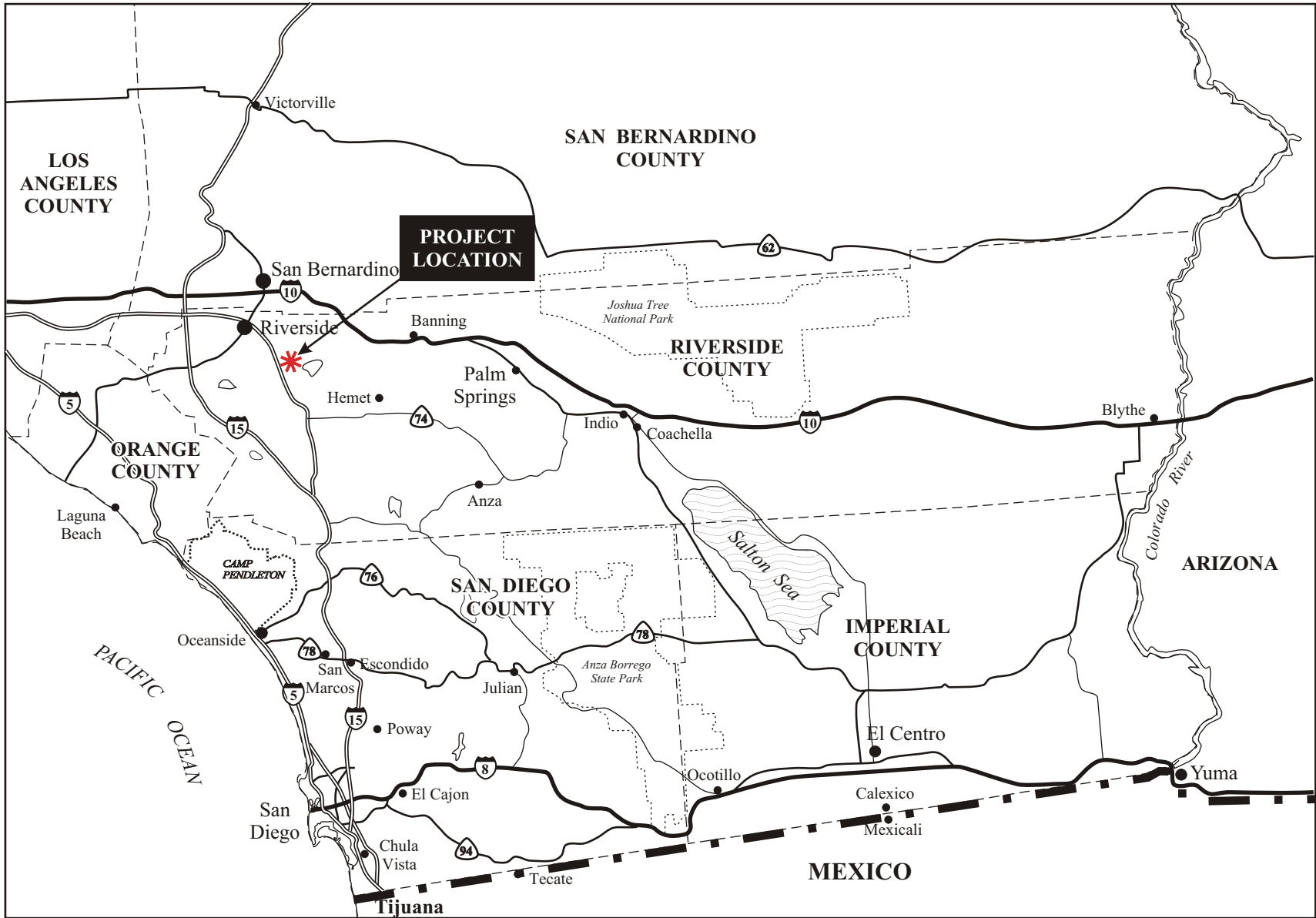
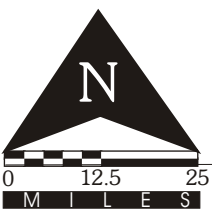
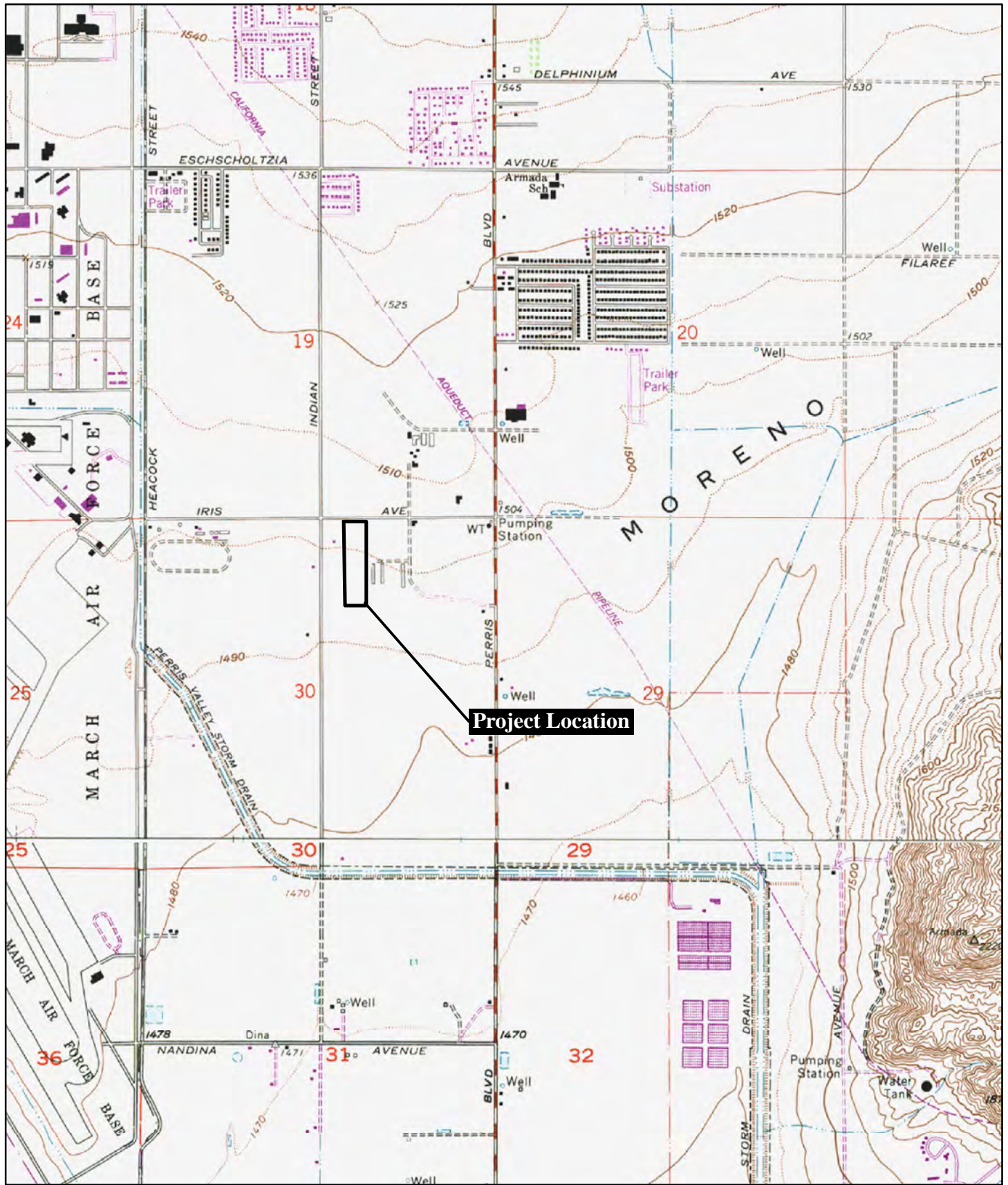


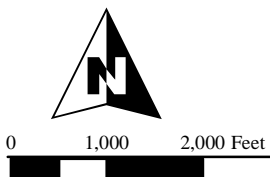
Figure 1
Regional Location Map





Source: USGS 7.5' Sunnymead & Perris Quadrangles

Figure 2
Project Location





CONCEPTUAL SITE PLAN ALTERNATIVE

Source: Kevin L. Crook Architect (3/14/22)

Figure 3
Proposed Project Plan



II. NATURAL AND CULTURAL SETTING

The following environmental and cultural background provides a context for the cultural resource inventory.

A. Natural Setting

The project area is located in the City of Moreno Valley in the western portion of Riverside County within the interior valleys and hills of the region. The elevation of the property ranges from approximately 1,497 to 1,507 feet above mean sea level. The area consists of a flat vacant lot on a alluvial valley floor. The area surrounding the project includes an elementary school to the north (across Iris Avenue), churches to the west and south, and medium density residential development to the east.

The landscape of the project area is largely a product of the region's geology. During the Mesozoic Era, a granitic batholith was formed inland from the southern California coastline. This batholith was uplifted during the Cenozoic and now forms the granitic rocks and outcrops of the Transverse Range north and east of the project area (Morton 2004).

Based on published geologic mapping, the proposed project site is primarily underlain by early to middle Pleistocene-age very old alluvial-fan deposits (Morton and Matti 2001). In addition, late Pleistocene- to Holocene-age young alluvial-fan deposits are present along the eastern margins of the project (Morton and Matti 2001). The older Pleistocene-age sediments presumably also underlie Holocene-age sediments on the eastern margins of the site.

The project is underlain by Greenfield sandy loam and Hanford coarse sandy loam (NRCS 2013). Greenfield series soils cover most of the project area and consist of well-drained, very deep sandy loams derived from granitic alluvium (NRCS 2013). These soils are on alluvial fans and plains and have slopes of 0 to 15 percent. This soil is characterized by 6 inches of brown soil over subsoil about 28 inches thick and a substratum extending to more than 60 inches (NRCS 2013).

Hanford series soils are derived from granitic alluvium and are present on alluvial fans (NRCS 2013). This soil is characterized by 8 inches of coarse sandy loam over fine sandy loam about 32 inches thick and a substratum extending to approximately 60 inches (NRCS 2013).

The climate of the region can generally be described as Mediterranean, with cool wet winters and hot dry summers. Rainfall limits vegetation growth but Riversidean Coastal Sage Scrub vegetation or grassland may have been initially present in the project area. The project is currently disturbed and is dominated by non-native weeds. The property has been used for agriculture in the past.

Animal resources in the region, prior to development of the area, probably included deer, fox, raccoon, skunk, mountain lion, bobcat, coyote, rabbit, and various rodent, reptile, and bird species. Small game, dominated by rabbits, was probably relatively abundant in the past.

B. Cultural Setting

Paleoindian Period

The earliest well documented prehistoric sites in southern California are identified as belonging to the Paleoindian period. The Paleoindian period is thought to have occurred between 12,000 years ago, or earlier, and 8,000 years ago in this region. Although varying from the well-defined fluted point complexes such as Clovis, the period is seen as a hunting focused economy with limited use of seed grinding technology. The economy is generally seen to focus on highly ranked resources such as large mammals and relatively high mobility that may be related to following large game. Archaeological evidence associated with this period has been found around inland dry lakes, on old terrace deposits of the California desert, and also near the coast.

Archaic or Millingstone Period

Native Americans during the Archaic period had a generalized economic focus on hunting and gathering. In many parts of North America, Native Americans chose to replace this economy with types based on horticulture and agriculture. Coastal southern California economies remained largely based on wild resource use until European contact (Willey and Phillips 1958).

The Early Archaic period is differentiated from the earlier Paleoindian period by a shift to a more generalized economy and an increased focus on use of grinding and seed processing technology. At sites dated between approximately 8,000 and 1,500 years before present (BP), the increased use of groundstone artifacts and atlatl dart points, along with a mixed core-based tool assemblage, identify a range of adaptations to a more diversified set of plant and animal resources. Variations of the Pinto and Elko series projectile points, large bifaces, manos and portable metates, core tools, and heavy use of marine invertebrates in coastal areas are characteristic of this period, but many coastal sites show limited use of diagnostic atlatl points. Major changes in technology within this relatively long chronological unit appear limited. Several scientists have considered changes in projectile point styles and artifact frequencies within the Early Archaic period to be indicative of population movements or units of cultural change (Moratto 1984) but these units are poorly defined locally due to poor site preservation.

Late Prehistoric Period

Approximately 2,000 years ago, Shoshonean groups are thought to have migrated into southern California. These people spoke a Takic language, a sub-family of the Uto-Aztecan family; the descendants of whom include the Cahuilla, Gabrielino, Luiseño, and Serrano. The Late Prehistoric period in western Riverside County is recognized archaeologically by smaller projectile points, the replacement of flexed inhumations with cremation, the introduction of ceramics and an emphasis on inland plant food collection and processing, especially acorns. Inland semi-sedentary villages were established along major water courses, and montane areas were seasonally occupied to exploit acorns and piñon nuts, resulting in permanent milling stations on bedrock outcrops. Mortars for acorn processing increased in frequency relative to seed-grinding basins.

Cahuilla

In historic times, the Cahuilla occupied much of the Riverside area. The Cahuilla are generally bound on the west by the Gabrielino, on the north by the Serrano, and on the south and southwest by the Luiseño. The Colorado Desert to the east formed a natural barrier that effectively separated the Cahuilla from the Yuman tribes along the Colorado River. The Cahuilla interacted extensively with their Shoshonean neighbors. As observed by Bean (Bean and Smith 1978:575):

These peoples interacted regularly by intermarriage, trade, ritual, and war. The Cahuilla shared a common tradition with the Gabrielino and other nearby Takic speakers, such as the Serrano and Luiseño. Of these, the Gabrielino and Serrano were most intensively involved with the Cahuilla (Bean 1972:69; Kroeber 1925:578-580).

The extreme diversity of Cahuilla territory nearly reflected the range of environmental habitats allowed in inland southern California. Topographically, their territory ranged from the summit of the San Bernardino Mountains, in excess of 11,000 feet, to the Salton Sink, well below sea level. Ecological habitats included the full range of mountain ranges, valleys, and passes, foothills, and high and low desert areas. Villages were typically situated in canyons or on alluvial fans near water and food resources, and a village's lineage owned the immediately surrounding land (Bean 1978:575). Well-developed trails were used for hunting and travel to other villages. Village houses ranged from brush shelters to large huts 15-20 feet long. Villagers moved to mountain oak groves several weeks each year during the acorn-collecting season.

Luiseño

The Shoshonean inhabitants of the region were called the Luiseños by Franciscan friars who named the San Luis Rey River and established the San Luis Rey Mission in the heart of Luiseño territory. Their territory encompassed an area from roughly Agua Hedionda on the coast, east to Lake Henshaw, north into the Hemet Region, and west through San Juan Capistrano to the coast (Bean and Shipek 1978). The Luiseño shared boundaries with the Gabrieliño and Serrano to the west and northwest, and the Cahuilla to the east and northeast.

The Luiseño were divided into several autonomous lineages or kin groups. The lineage represented the basic political unit among most indigenous southern Californias. According to Bean and Shipek (1978), each Luiseño lineage possessed a permanent base camp, or village, in the San Luis Rey river valley and another in the mountain region for the exploitation of acorns, although this mobility pattern may only apply to the ethnohistoric present. Nearly all resources of the environment were exploited by the Luiseño in a highly developed seasonal mobility system. Each lineage had exclusive hunting and gathering rights in their procurement ranges and violation of trespass was seriously punished (Bean and Shipek 1978).

The traditional Luiseño religion is a complex and deeply philosophical belief system with powerful religious leaders, elaborate ceremonies, and a veil of secrecy (White 1963). Each ritual and ceremonial specialist maintained the knowledge of the full meaning of a ceremony in secrecy and

passed on the knowledge to only one heir. The decimation of the population after European contact undoubtedly caused the loss of some religious specialists and brought about abbreviated versions of ceremonies (Winterrowd and Shipek 1986), many of which are still practiced today. Surviving ceremonies include initiation for candidates, installation of religious chiefs, funerals, and clothes burning (Bean and Shipek 1978).

Ethnohistoric Period

The Ethnohistoric period refers to a brief period when Native American culture was initially being affected by Euroamerican culture and historical records on Native American activities were limited. When the Spanish colonists began to settle California, they established missions to incorporate Native Americans into the emerging European society.

By the early 1820s, California came under Mexico's rule, and in 1834 the missions were secularized resulting in political imbalance which caused Indian uprisings against the Mexican rancheros. Many Native Americans left the missions and ranchos and returned to their original village settlements.

When California became a sovereign state in 1849, Native Americans were recruited more heavily as laborers and experienced even harsher treatment. Conflicts between Native Americans and encroaching Anglos finally led to the establishment of reservations for some Indian populations. The reservation system interrupted Native American social organization and settlement patterns, yet many aspects of the original culture still persist today. Certain rituals and religious practices are maintained and traditional games, songs and dances continue as well as the use of foods such as acorns, yucca and wild game.

Historic Period

Cultural activities within western Riverside County between the late 1700s and the present provide a record of Native American, Spanish, Mexican, and American control, occupation, and land use. An abbreviated history of the region is presented for the purpose of providing a background on the presence, chronological significance, and historical relationship of cultural resources within the County.

Native American control of the southern California region ended in the political views of western nations with Spanish colonization of the area beginning in 1769. De facto Native American control of the majority of the population of California did not end until several decades later. In southern California Euroamerican control was firmly established by the end of the Garra uprising in the early 1850s (Phillips 1975).

The Spanish Period (1769-1821) represents a period of Euroamerican exploration and settlement. Dual military and religious contingents established the San Diego Presidio and the San Diego, San Gabriel, and San Luis Rey Missions. The Mission system used Native Americans to build a footing for greater European settlement. The Mission system also introduced horses, cattle, other agricultural goods and implements; and provided construction methods and new architectural styles. The cultural and institutional systems established by the Spanish continued beyond the year 1821, when California came under Mexican rule.

The Mexican Period (1821-1848) includes the retention of many Spanish institutions and laws. The mission system was secularized in 1834 which dispossessed many Native Americans and increased Mexican settlement. After secularization, large tracts of land were granted to individuals and families and the rancho system was established. Cattle ranching dominated other agricultural activities and the development of the hide and tallow trade with the United States increased during the early part of this period. The Pueblos of Los Angeles and San Diego were established during this period and Native American influence and control greatly declined. The Mexican Period ended when Mexico ceded California to the United States after the Mexican-American War of 1846-48.

Soon after American control was established (1848-present) gold was discovered in California. The tremendous influx of American and Europeans that resulted, quickly drowned out much of the Spanish and Mexican cultural influences and eliminated the last vestiges of de facto Native American control. Few Mexican ranchos remained intact because of land claim disputes and the homestead system increased American settlement beyond the coastal plain.

C. Prior Research

The archaeological inventory includes archival and other background studies conducted prior to performing the field survey of the project. The archival research consisted of a literature and records search at the regional archaeological repository. This information was used to identify previous studies associated with the property and previously recorded resources. A one-mile radius of the project was requested in the record search to determine the types of resources that might occur in the survey vicinity.

The records and literature search for the project was requested from the Eastern Information Center (EIC) at the University of California, Riverside on January 14, 2022. The records search results indicate that the project area has not been previously surveyed and that no cultural resources have previously been recorded in the current project area. At least 28 cultural investigations have been documented within a one mile radius of the project area (Table 1).

Six cultural resources have been recorded within one mile of the project as a result of these investigations (Table 2). These cultural resources consist of a historic residence, a historic ranch complex, a historic water channel, two historic refuse deposits, and a prehistoric isolate artifact.

Historic research included an examination of a variety of resources. The current listings of the National Register of Historic Places were checked through the National Register of Historic Places website. The California Inventory of Historic Resources (State of California 1976) and the California Historical Landmarks (State of California 1992) were also checked for historic resources.

Table 1. Archaeological Investigations within One-half Mile of the Project Area

Author(s)	Report Title	Year
Ahmet and Chandler	Cultural Resources Survey for a Proposed Bikeway in Moreno Valley	2005
Aislin-Kay	Letter Report: Records Search and Site Visit Results for Sprint Telecommunications Facility Candidate RV62XC902A (Gentian Light Pole-Moreno Valley), 15115 Indian Street, Moreno Valley	2004
Bonner and Aislin-Kay	Letter Report: Cultural Resource Records Search and Site Visit Results for Royal Street Communications Candidate IE24896A (Extra Space Storage), 16340 Perris Boulevard, Moreno Valley	2008
Bonner and Williams	Letter Report: Updated Cultural Resources Records Search and Site Visit Results for Royal Street, LLC Candidate LA3112A (JFK Memorial Park), 15115 Indian Street, Moreno Valley, Riverside County	2010
Bonner et al.	Letter Report: Cultural Resources Record Search and Site Visit Results for T-Mobile USA Candidate IE25930-A (JFK Park)	2012
Brunzell	Cultural Resources Assessment Moreno Valley Storage Project City of Moreno Valley, Riverside County	2018
Corcoran and Smith	Phase I Cultural Resources Survey of the San Michele Business Center Project, City of Moreno Valley, County of Riverside	2016
Foster et al.	Cultural Resource Investigation: Inland Feeder Project, Metropolitan Water District of Southern California	1991
Greenberg	Cultural Resources Survey: The Grassy Knoll/OC0386_CLV5638A, 15115 Indian Street Moreno Valley, Riverside County	2014
Heidelberg	Archaeological Survey Report: for Southern California Edison's Service Pole Replacement on the Bazooka 12kV Transmission Line in Moreno Valley, Riverside County	2009
Huffman	Environmental Impact Report for the March Air Force Base Redevelopment Project	1996
Jackson	Letter Report: Records Search Results for Sprint PCS Facility RV54XC486A (Boxing Club Site) Moreno Valley	2000
Jordan	Archaeological Survey Report for Southern California Edison Company: Conversion of Overhead to Underground Project on the Rule 20C, Riverside County	2007
Lenich and Smith	Phase I cultural Resources Survey for the Moreno Valley Logistics Center Project City of Moreno Valley	2015
Luna	Letter Report: Notification for Section 106 Review, Project Name: JFK Park, Project Address: 15115 Indian Street, Moreno Valley	2008
Manley	Historic Building Inventory and Evaluation, March Air Force Base, Riverside County	1995
McCarthy	Cultural Resources Inventory for the City of Moreno Valley, Riverside County	1987
McDonald and Giacomini	An Intensive Survey of Approximately 2,500 Acres of March Air Force Base, Riverside County	1996
McKenna	Letter Report: Monitoring at the Site of the Proposed Indian Middle School in the City of Perris	2005
McKenna	A Cultural Resources Investigation and Assessment of Potential Impacts of the Proposed March Village Medical Campus at the March Air Force Base in Riverside County	2008
McKenna	A Phase I Cultural Resources Survey for the Proposed Walmart Supercenter on Approximately 22.28 Acres of Land in the City of Moreno Valley	2014
Miller et al.	Archaeological and Historic Survey Report March Joint Air Reserve Base, AMOC Facility Expansion, Riverside County	2008
Sanka	Phase I Cultural Resources Assessment and Paleontological Records Review, APN 486-070-007, Moreno Valley, Riverside County	2008

Table 1. Archaeological Investigations within One-half Mile of the Project Area

(Continued)

Author(s)	Report Title	Year
Scientific Resource Surveys	Cultural Resource Survey Report on Wolfskill Ranch	1984
Smallwood et al.	Cultural Resources Assessment of March Inland Airport Parcel D1 Project, Riverside County	2016
Spanne	Report on a Cultural Resources Survey for Three Proposed Construction Locations on March Air Force Base	1986
White	An Archaeological Assessment of the Perris Lateral "A", A 2.1 Mile Daylight Channel Located in the City of Moreno Valley	1993
Tetra Tech	Cultural Resources Investigations for a Proposed Realignment of Facilities from Los Angeles Air Force Base to March Air Force Base, Riverside County	1990
Wills	Cultural Resource Records Search and Site Visit Results for Verizon Wireless Candidate "Gentian," 16015 North Perris Boulevard, Moreno Valley, Riverside County	2014

Table 2. Recorded Cultural Resources within One-half Mile of the Project Area

Resource No.		Resource Type	Recorder (Year)
P-33-	CA-RIV-		
007290	-	Historic Residence	Warner (1983)
015301	-	Prehistoric Isolate	Chandler (2005)
023936	11757	Historic Ranch Complex	McKenna (2014)
024853	-	Historic Channel	Smallwood (2016)
028072	12673	Historic Refuse	Morales (2015)
028073	12674	Historic Refuse	Morales (2015)

Historic USGS quadrangle maps between 1966 and 2012 indicate no structures on the property. Aerial photographs from 1966 to 1975 show the parcels as open disked fields (NETR 1966; 1975). By the 1978 photograph, a house structure exists at the north end of the project area (NETR 1978). The residential structure at 24581 Iris Avenue continued to be shown on aerial photographs until very recently. The 1997 aerial photograph shows that the northern parcel is filled with garden areas or perhaps small orchard patches (NETR 1997). The two southern lots are vacant but heavily disturbed by grading and informal dirt pathways (NETR 1997). The parcels appear to have continued to be kept denuded of vegetation into the present time.

D. Native American Consultation

State law and County of Riverside Guidelines identify Native American consultation and participation as an important aspect of the cultural resource evaluation process. To identify potential Native American resources, a Sacred Lands Search was conducted at the California Native American Heritage Commission. A current Sacred Lands Search response from the California Native American Heritage Commission (NAHC) was received on April 25, 2022 (Appendix C). The results of the Sacred Lands Search were negative in that no resources have been previously identified in the immediate project area. Scoping letters were submitted to the Native American contacts provided by the NAHC (see Appendix C). Responses are pending at the time of this writing.

III. RESEARCH DESIGN AND METHODS

A. Survey Research Design

The goal of the project was to identify any cultural resources that might be affected by the proposed project. To accomplish this goal, background information was examined and assessed, and a field survey was conducted to identify cultural remains. Based on the records search and historic map check, cultural resources within the project area are most likely to be historic although prehistoric resources could be present. The current field survey was conducted to identify any unrecorded resources within the project area.

B. Survey Methods

The current survey was conducted on January 25, 2022 by Andrew R. Pignolo. It included an intensive 10 to 15-m interval transect survey throughout the project area. The project area has been previously disturbed by past agricultural use, residential development, and recent disking. Surface visibility was partially limited by spring herbs and grasses but due to disking averaged approximately 60 percent surface visibility. The property was entirely open and no major constraints to the survey were present. The cultural resources survey of the project adequately served to identify cultural resources.

IV. SURVEY RESULTS

No prehistoric or historic cultural resources were observed within the project area during the survey. The residential structure at 24581 Iris Avenue has been removed and only a small amount of recent debris remain. The project area is very level and appears to have been disked early in the rainy season. The northern half of the project showed greater herb and grass recovery, while the southern half of the parcel was more open. The entire area showed evidence of past agricultural use and recent disking (Figure 4).

Sparse recent trash was observed along the property margins and in addition to the recent debris in the location of 24581 Iris Avenue, a second concentration of recent-age building debris was noted in the northern portion of the southern half of the project. Small areas of imported soils and gravel were also observed. The residential structure at the north end of the property at 24581 Iris Avenue was too recent to be considered a cultural resource and is no longer present. No prehistoric or historic cultural resources were observed during the survey.



a. Project Overview from Northwest Corner, Looking South (PR-08256-004)



b. Project Overview from Center of Western Parcel Edge, Looking Southeast (PR-08256-020)

Figure 4 Survey Conditions



V. SUMMARY AND RECOMMENDATIONS

The goal of the project was to identify resources that may be impacted by the project. The cultural resource survey did not identify any cultural resources.

Impacts to cultural resources eligible for the California Register of Historic Resources and significant under the CEQA will not occur. No significant impacts to cultural resources are anticipated to result from this project.

The project is partially underlain by alluvial soils that may be of Holocene age. The alluvial soils retain potential for buried cultural resources. Cultural resource monitoring by archaeological and Native American monitors during construction excavation and grading of native soils is recommended.

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1986 *Ethnographic Investigation: Pala Sand and Gravel Extraction Project*. Prepared by RBR and Associates, San Diego for J. B. Unlimited, San Diego.

APPENDICES

- A. Resume of Principal Investigator
- B. Archaeological Records Search Confirmation
- C. Native American Correspondence

APPENDIX A

RESUME OF PRINCIPAL INVESTIGATOR

ANDREW R. PIGNIOLO, M.A., RPA
Principal Archaeologist
Laguna Mountain Environmental, Inc.

Education

San Diego State University, Master of Arts, Anthropology, 1992
San Diego State University, Bachelor of Arts, Anthropology, 1985

Professional Experience

2002-Present	Principal Archaeologist/President, Laguna Mountain Environmental, Inc., San Diego
1997-2002	Senior Archaeologist, Tierra Environmental Services, San Diego
1994-1997	Senior Archaeologist, KEA Environmental, Inc., San Diego
1985-1994	Project Archaeologist/Senior Archaeologist, Ogden Environmental and Energy Services, San Diego
1982-1985	Reports Archivist, Cultural Resource Management Center (now the South Coastal Information Center), San Diego State University
1980-1985	Archaeological Consultant, San Diego, California

Professional Affiliations

Register of Professional Archaeologists (RPA), 1992-present
Qualified Archaeology Consultant, San Diego County
Qualified Archaeology Consultant, City of San Diego
Qualified Archaeology Consultant, City of Chula Vista
Qualified Archaeology Consultant, Riverside County
Society for American Archaeology
Society for California Archaeology
Pacific Coast Archaeological Society
San Diego County Archaeological Society

Qualifications

Mr. Andrew Pignuolo is a certified archaeology consultant for the County and City of San Diego. Mr. Pignuolo has more than 42 years of experience as an archaeologist, and has conducted more than 1,500 projects throughout southern California and western Arizona. His archaeological investigations have been conducted for a wide variety of development and resource management projects including water resource facilities, energy utilities, commercial and residential developments, military installations, transportation projects, and projects involving Indian Reservation lands. Mr. Pignuolo has conducted the complete range of technical studies including archaeological overviews and management plans, ethnographic studies, archaeological surveys, test excavations, historical research, evaluations of significance under CEQA and Section 106, data recovery programs, and monitoring projects. He has received 40 hour HAZWOPPER training and holds an active card for hazardous material work.

REPRESENTATIVE PROJECTS

Proposed SDG&E Sunrise Powerlink Project, San Diego to Imperial Valley, California (*San Diego Gas and Electric*). Mr. Pigniolo served as the Principal Investigator and archaeological monitor for this project whose purpose is the installation of a new transmission line corridor running from San Diego to Imperial Valley. This phase of the project included the preliminary reporting of any cultural resources observed during field visits to the proposed impact areas. Mr. Pigniolo recorded sites encountered during monitoring, and collected GPS points and photographs of the sites for future review. Mr. Pigniolo also conducted the cultural resources portion of the environmental training for this project.

Princess Street Monitoring and Data Recovery Project at the Spindrifft Site (*City of San Diego*). Mr. Pigniolo served as a Principal Investigator of an archaeological monitoring and data recovery program at the Spindrifft Site in the community of La Jolla. The effort was initially to provide archaeological monitoring of a utility undergrounding project. The presence of the major prehistoric village site within the project alignment quickly became evident prior to construction monitoring and a data recovery plan was prepared prior to the start of work. Data recovery included the excavation of 25 controlled units and the water screening of 100 percent of the archaeological site material impacted during trenching. More than 40 fragmented human burials were encountered. Working with Native American monitors and representatives, the remains were repatriated.

Cultural Resource Survey, Geotechnical Monitoring, and Testing for the La Jolla View Reservoir Project, La Jolla, City of San Diego, California (*IEC*). Mr. Pigniolo served as Principal Investigator and conducted an archaeological survey on an approximately 15-acre study area, in the La Jolla Natural Park area on Mount Soledad above La. In addition to the field survey, geotechnical work was monitored by an archaeologist and Native American monitor. One small prehistoric cobble procurement site (CA-SDI-20843) was tested to determine site significance. Due to surface visibility constraints from dense vegetation, monitoring by an archaeological and a Native American monitor during construction excavation and grading was recommended to ensure sensitive features not identified during the survey are not present or impacted by the project.

City of San Diego Sever Group 783 Project, San Diego, California (*Orion Construction Company*.) Mr. Pigniolo was the Principal Investigator for an archaeological monitoring project for a sewer line replacement in the eastern portion of the City of San Diego. The project included archaeological construction monitoring in an urban environment.

Cultural Resource Monitoring and Treatment of CA-SDI-20861 for the 1941-1945 Columbia Street Project, City of San Diego, California (*Jeff Svitak Inc.*) Mr. Pigniolo served as Principal Investigator of an archival research and an archaeological and Native American monitoring program of building demolition and construction excavation for a multi-family dwelling in the Little Italy community of the City of San Diego. The project consisted of archaeological and historical research prior to fieldwork, archaeological monitoring of foundation removal and construction excavation, and the recovery and analysis of historic artifacts discovered during monitoring. Site CA-SDI-20861 was treated as a significant cultural resource and the recovery and analysis of the cultural material served as mitigation for the project impacts to the site.

Cultural Resource Salvage and Monitoring within a Portion of CA-SDI-39/17372 at 1891 Viking Way, La Jolla, City of San Diego, California (*Ayers General Contracting, Inc.*)

Mr. Pigniolo served as Principal Investigator of an archaeological salvage and documentation program in addition to construction monitoring for the residence located at 1891 Viking Way, in the La Jolla. The project included the demolition and replacement of an existing retaining wall, and the replacement of additional yard hardscape. The City of San Diego archaeologist determined that construction work was occurring within site CA-SDI-39 and required work to stop and a treatment plan to partially mitigate impacts to the site be prepared. The project included a salvage effort to partially mitigate impacts to this portion of the site, through documentation and artifact recovery and to recover any impacted human remains as part of mitigation. Three phases of treatment were conducted including a 100 percent recovery program for human remains and associated grave goods and monitoring of final construction disturbance and backfilling.

Muller Residence Archaeological Survey, Testing, and Evaluation, Carmel Valley, City of San Diego, California (*Mr. Rolf Muller*)

Mr. Pigniolo served as Principal Investigator and Project Manager of a cultural resource survey and testing and evaluation program of a residential parcel proposed for development. The survey indicated the presence of a portion of a prehistoric shell midden within the project area. The testing program indicated a deeply buried archaeological deposit with a high level of integrity. Impact avoidance through redesign was recommended under City of San Diego Historical Resources Guidelines.

Cultural Resource Monitoring for The San Diego County Administration Center Waterfront Park Project, San Diego, California (*McCarthy Building Companies, Inc.*)

Mr. Pigniolo served as Principal Investigator of a cultural resource monitoring program for the Water Front Park Project at the San Diego County Administration Building in the City of San Diego. The monitoring program included excavation near the dredge fill/native ground contact. Historic maps indicated that the entire project area was located on man-made land created from bay dredge spoils. The monitoring program identified a small historic-age boat that probably sank in the bayfront prior to filling of the area. Based on the current County guidelines, this resource qualifies as significant for its information potential and has been treated as such. The boat was documented and avoided, and left in place.

13th and C Streets Evaluation Project, City of San Diego, California (*WM Builders*)

Mr. Pigniolo served as Principal Investigator of an archaeological/historical resource assessment for a commercial development project in the City of San Diego. The project area is in the downtown portion of San Diego. A records search, literature review, examination of historic maps, records, and city directories was used to assess the potential for buried historic resources within the project area. Potential buried historic resource locations were identified and a testing plan was developed.

U. S. Army Yuma Proving Ground (YPG) Native American Consultation Plan, Yuma, Arizona (*Yuma Proving Ground*).

Mr. Pigniolo served as principal author of a Native American consultation plan for YPG to provide guidance and information to U.S. Army commanders and Army resource managers at YPG for consultation with Native American groups. Consultation was conducted in a manner that is consistent with federal laws and regulations that mandate consultation and the consultation plan was designed to ensure the participation of Native American groups early in the planning process.

All American 105 Race Project, West Mesa, Imperial County, California (*Legacy 106, Inc.*).

Mr. Pigniolo served as Principal Investigator, report author, and crew chief for an archaeological survey for a proposed off-road vehicle race course in the West Mesa area of Imperial County. The survey covered Bureau of Land Management (BLM) lands and included close coordination with BLM staff. The survey included a proposed 7.5 mile course with a very short time-frame. The goal was project alignment adjustment and realignment to avoid resource impacts where possible. A variety of prehistoric cultural resources including 10 sites and seven isolates were encountered. Human remains were identified and avoided. The race route was realigned to avoid significant resource impacts allowing the race to proceed on schedule.

Alpine Fire Safe Council Brush Management Monitoring Project, Alpine Region, San Diego County, California (*Alpine Fire Safe Council*)

Mr. Pigniolo served as Principal Investigator for a cultural resources monitoring and protection program on four project areas surrounding Alpine. Cultural resources identified during previous surveys within the vegetation treatment areas were flagged for avoidance. The project included hand clearing and chaparral mastication near residential structures to create a fire buffer zone. Vegetation removal was monitored to ensure cultural resources obscured by heavy vegetation were not impacted by the project and that all recorded cultural resources were avoided. The Bureau of Land Management served as Lead Agency for the project.

APPENDIX B

ARCHAEOLOGICAL RECORDS SEARCH CONFIRMATION

Carol Serr

From: eickw . [eickw@ucr.edu]
Sent: Thursday, March 17, 2022 6:19 PM
To: Carol Serr; Andrew@lagunaenv.com
Subject: Option B results for the South of Iris

Hello,

Please note the files are being shared through Google Drive since it is a large size. Attached is the link to the requested files. Please note they are encrypted and password protected. You will need either 7-Zip (free software recommended to us by OHP) or WinZip. I will be sending the password in a separate email. You will have to download the file first, then right-click on the file, then choose what to open it with. This Link will only work for those emails who received this email. Trying to share or open the files with a different email will NOT work.

Best,

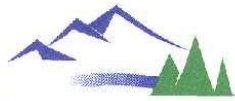
Eastern Information Center

**Watkins Hall Room 1313
c/o Department of Anthropology
University of California
900 University Avenue
Riverside, CA 92521-0418**

"Maybe, it's not too late, to learn how to love, and forget how to hate..." Ozzy Osbourne

APPENDIX C

NATIVE AMERICAN CORRESPONDENCE



Laguna Mountain Environmental, Inc.

January 14, 2022

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691

Subject: South of Iris 2021 Project Survey (Job #2200)

Dear Chairperson,

Laguna Mountain Environmental is conducting an archaeological survey within the City of Moreno Valley in Riverside County. The project involves the construction of a 90-unit single family detached housing project on an existing 9.4-acre vacant space (APNs 316-030-002, -018, and -019).

The project area is located east of Interstate-215 at 24581 Iris Ave. on the south side of Iris Ave. just east of Indian St. The project area is shown on the Sunnymead 7.5' USGS quadrangle, in northeast quarter of Section 30 within Township 3 South, Range 3 West (see attached figure).

We respectfully request any information and input that you may have regarding Native American concerns either directly or indirectly associated with this project area. We would also appreciate a current list of appropriate Native American contacts for the area in order to elicit local concerns. If you or your files have any information about cultural resources or traditional cultural properties located on or near the project site, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

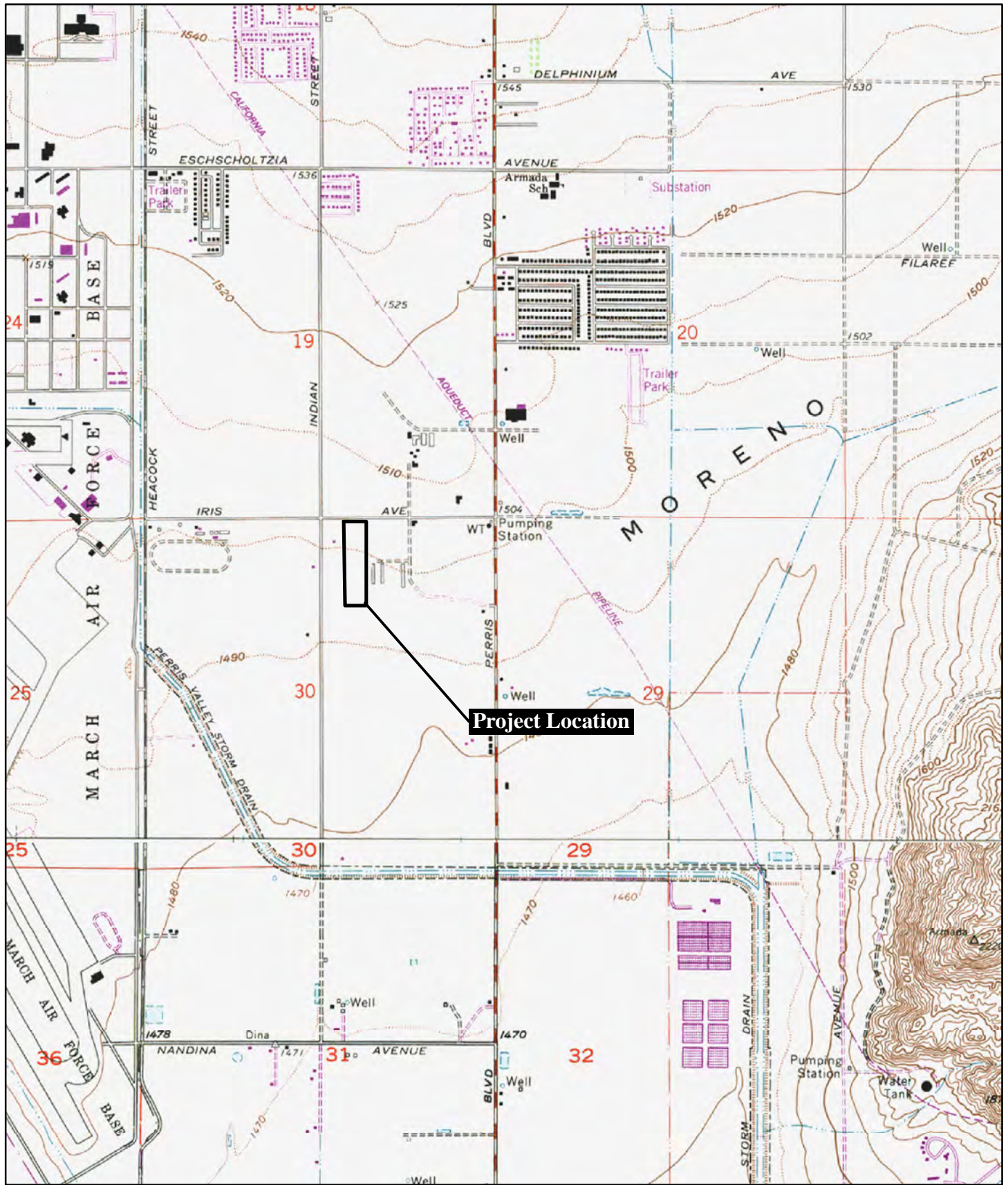
Sincerely,

Andrew Pignolo, M.A., RPA
Principal Archaeologist

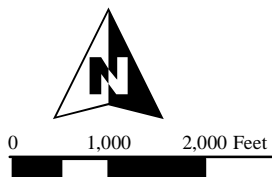
Attachments:

Project Location map

Sacred Lands File & Native American Contacts List Request Form



Source: USGS 7.5' Sunnymead & Perris Quadrangles



Project Location

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
(916) 373-3710
Fax: (916) 373-5471
nahc@nahc.ca.gov

Information below is Required for a Sacred Lands File Search

Project: South of Iris 2021 Survey (Proj #2200)

County Riverside

USGS Quadrangle (7.5') Name Sunnymead

Township 3S Range 3W Section(s) 30

Company/Firm/Agency: Laguna Mountain Environmental, Inc.

Contact Person: Andrew Pignolo

Street Address: 3421 Voltaire Street

City: San Diego Zip: 92106

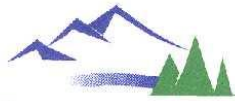
Phone: 858.505.8164

Fax: _____

Email: Laguna@lagunaenv.com

Project Description:

The project involves the construction of a 90-unit single family detached housing project on an existing 9.4-acre lot.



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Ms. Brierty,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

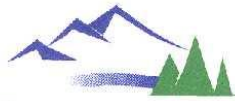
The 9.6-acre project area is located 2 miles east of Interstate-215 and 3 miles northwest of Lake Perris. It is on the south side of Iris Avenue between Indian Street and Emma Lane, involving three parcels at 24851 Iris Ave. and to the south (APNs 316-030-002, 316-030-018, and 316-030-019). The project area is shown on the Sunnymead 7.5' USGS quadrangle, in northeast quarter of Section 30 within Township 3 South, Range 3 West (see attached figure).

The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pigniolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Chapparosa,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

The 9.6-acre project area is located 2 miles east of Interstate-215 and 3 miles northwest of Lake Perris. It is on the south side of Iris Avenue between Indian Street and Emma Lane, involving three parcels at 24851 Iris Ave. and to the south (APNs 316-030-002, 316-030-018, and 316-030-019). The project area is shown on the Sunnymead 7.5' USGS quadrangle, in northeast quarter of Section 30 within Township 3 South, Range 3 West (see attached figure).

The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Ms. Garcia-Plotkin,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

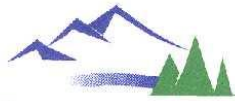
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The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pigniolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Ms. Gaughen,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

The 9.6-acre project area is located 2 miles east of Interstate-215 and 3 miles northwest of Lake Perris. It is on the south side of Iris Avenue between Indian Street and Emma Lane, involving three parcels at 24851 Iris Ave. and to the south (APNs 316-030-002, 316-030-018, and 316-030-019). The project area is shown on the Sunnymead 7.5' USGS quadrangle, in northeast quarter of Section 30 within Township 3 South, Range 3 West (see attached figure).

The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Mr. Gomez,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

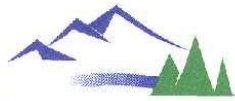
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The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Hamilton,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

The 9.6-acre project area is located 2 miles east of Interstate-215 and 3 miles northwest of Lake Perris. It is on the south side of Iris Avenue between Indian Street and Emma Lane, involving three parcels at 24851 Iris Ave. and to the south (APNs 316-030-002, 316-030-018, and 316-030-019). The project area is shown on the Sunnymead 7.5' USGS quadrangle, in northeast quarter of Section 30 within Township 3 South, Range 3 West (see attached figure).

The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pigniolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairman Macarro,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

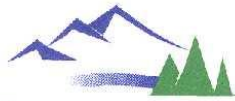
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The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Mr. Macarro,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

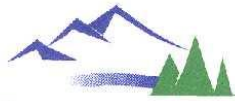
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The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pigniolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Ms. Madrigal,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

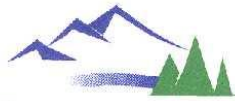
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The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Martin,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

The 9.6-acre project area is located 2 miles east of Interstate-215 and 3 miles northwest of Lake Perris. It is on the south side of Iris Avenue between Indian Street and Emma Lane, involving three parcels at 24851 Iris Ave. and to the south (APNs 316-030-002, 316-030-018, and 316-030-019). The project area is shown on the Sunnymead 7.5' USGS quadrangle, in northeast quarter of Section 30 within Township 3 South, Range 3 West (see attached figure).

The Native American Heritage Commission's record search of the Sacred Lands File does indicate the presence of Native American cultural resources within 1-mile of the project area. We respectfully request any comments and input that you are willing to share regarding Native American concerns either directly or indirectly associated with this project area. If you, or your files, have any information about cultural resources or traditional cultural properties located on or near the project site that you would like to inform us about, please contact me. If I can provide any additional information, please contact me immediately at (858) 505-8164. Thank you for your assistance.

Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Mazzetti,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

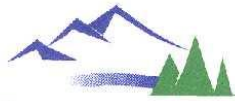
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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Ms. McCormick,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Cultural Committee,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

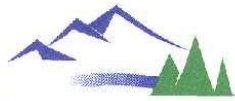
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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Mr. Ontiveros,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Ms. Redner,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

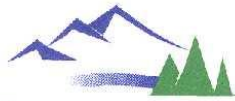
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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Salgado,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

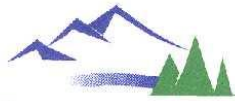
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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairman Scott,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

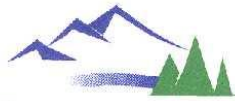
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Sincerely,


Andrew Pigniolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Vance,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

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Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Vivanco,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

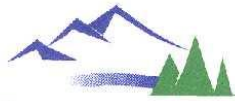
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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



Laguna Mountain Environmental, Inc.

April 27, 2022

Subject: South of Iris 2021 Project Survey, Moreno Valley (Job #2200)


Dear Chairperson Welmas,

Laguna Mountain Environmental has conducted an archaeological survey within the Moreno Valley area of Riverside County. The project involves the construction of 78 2-story single-family residential buildings on mostly an existing vacant lot. Cultural resource work was conducted in accordance with California Environmental Quality Act (CEQA) and the County of Riverside guidelines. The City of Moreno Valley will serve as the lead agency for CEQA compliance.

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Sincerely,


Andrew Pignolo, M.A., RPA
Principal Archaeologist

Attachment:
Project Location map



PECHANGA CULTURAL RESOURCES
Temecula Band of Luiseño Mission Indians

Post Office, Box 2183 • Temecula, CA 92593
Telephone (951) 770-6300 • Fax (951) 506-9491

Chairperson:
Neal Ibanez

Vice Chairperson:
Bridgett Barcello

Committee Members:
Darlene Miranda
Richard B. Searce, III
Robert Villalobos
Shevon Torres
Juan Rodriguez

Director:
Gary DuBois

Coordinator:
Paul Macarro

Cultural Analyst:
Tuba Ebru Ozdil

Planning Specialist:
Molly Escobar

May 5, 2022

VIA E-Mail and USPS

Andrew Pigniolo, M.A., RPA
Principal Archaeologist
Laguna Mountain Environmental, Inc.
3421 Voltaire Street
San Diego, CA 92106

RE: Request for Information for the South of Iris 2021 Project Survey, City of Moreno Valley, Riverside County, California.

Dear Mr. Pigniolo,

The Pechanga Band of Indians ("the Tribe") appreciates your request for information regarding the above referenced Project. After reviewing the provided maps and our internal documents, we have determined that the Project area is not within Reservation land's, although it is located in the heart of Our Ancestral Territory. At this time, we are interested in participating in this Project based upon our 'Ayélkwish/Traditional Knowledge of the area, its location 600-plus yards from a Traditional Cultural Landscape, and the Project's proximity to two additional TCP's and their associated Sacred Land Files. Further, because of this project's proximity to multiple known Ancestral-remains and through extensive previously recorded sites within this Project's vicinity the Pechanga Tribe therefore, is interested in participating in this Project. The Tribe believes that the possibility of recovering subsurface resources during ground-disturbing activities for this Project is extremely high.

The Tribe is dedicated to providing comprehensive cultural information to you and your firm for inclusion in the archaeological study as well as to the Lead Agency for CEQA review. At this time, the Tribe requests the following so we may continue the consultation process and to provide adequate and appropriate recommendations for the Project:

- 1) Notification once the Project begins the entitlement process, if it has not already;
- 2) Copies of all applicable archaeological reports, site records, proposed grading plans and environmental documents (EA/IS/MND/EIR, etc);
- 3) Government-to-government consultation with the Lead Agency; and
- 4) The Tribe believes that monitoring by a Riverside County qualified archaeologist and a professional Pechanga Tribal Monitor may be required during earthmoving activities. Therefore, the Tribe reserves its right to make additional comments and

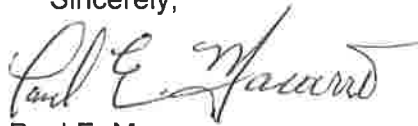
recommendations once the environmental documents have been received and fully reviewed.

- 5) In the event that subsurface cultural resources are identified, the Tribe requests consultation with the Project proponent and Lead Agency regarding the treatment and disposition of all artifacts.

As a Sovereign governmental entity, the Tribe is entitled to appropriate and adequate government-to-government consultation regarding the proposed Project. We would like you and your client to know that the Tribe does not consider initial inquiry letters from project consultants to constitute appropriate government-to-government consultation, but rather tools to obtain further information about the Project area. Therefore, the Tribe reserves its rights to participate in the formal environmental review process, including government-to-government consultation with the Lead Agency, and requests to be included in all correspondence regarding this Project.

Please note that we are interested in participating in surveys within Luiseño Ancestral territory. Prior to conducting any surveys, please contact the Cultural Department to schedule specifics. If you have any additional questions or comments, please contact me at pmacarro@pechanga-nsn.gov or 951-770-6306.

Sincerely,



Paul E. Macarro
Cultural Coordinator
Pechanga Reservation

*Pechanga Cultural Resources • Temecula Band of Luiseño Mission Indians
Post Office Box 2183 • Temecula, CA 92592*

Sacred Is The Duty Trusted Unto Our Care And With Honor We Rise To The Need