

January 22, 2019

James Kennedy Highest and Best Use, LLC 6265 Highway 9 Felton, CA 95018

Subject: Cultural Resources Assessment for TTM 20022, Lots 1-6, Angelus Oaks, San

Bernardino County, California (Project Number C-0276)

Dear Mr. Kennedy:

At the request of the Highest and Best Use, LLC (CLIENT), Duke Cultural Resources Management, LLC (DUKE CRM) has prepared a cultural resources assessment for the development of six residential lots within Tentative Tract Map 20022 (Project), located in the unincorporated community of Angelus Oaks, San Bernardino County, California. The Project is approximately 15 acres in size. San Bernardino County is the lead agency for California Environmental Quality Act (CEQA).

The Project is located in the San Bernardino Mountains along Mountain Home Creek Road, Angelus Oaks, California (see Attachment A, Project Vicinity Map). The Project is located in Section 28, Township 1 North, Range 1 West, as shown on the USGS Big Bear Lake, Calif. 7.5 quadrangle map (see Attachment A, Project Location Map). The proposed Project includes the construction of six single family residences on six lots. Four of the lots are approximately one acre each and two of the lots are over five acres in size. Each lot will have a graded pad for each residence ranging in depth or cut from 3-14 feet depending on the slope. Each pad would have an adjoining infiltration pond for drainage and erosion control. These infiltration ponds would be 2-3 feet deep. Septic systems for the residences will be excavated to a depth approximately six feet below the surface. Utilities for water will be connected to a pre-existing main water line that runs down Mountain Home Canyon Drive. These lateral connections will be excavated to a depth of approximately three feet deep.

On December 3, 2018, Sarah Nava B.A., Archaeologist at DUKE CRM, conducted a records search at the South Central Coastal Information Center (SCCIC). The SCCIC is part of the California Historical Resources Information System (CHRIS) and is located at the California State University, Fullerton. The records search included a review of all recorded cultural resources within a 1-mile radius of the Project, as well as a review of known cultural resource survey and excavation reports. In addition, Ms. Nava examined the California State Historic Property Data File (HPD), which includes the National Register of Historical Places (NRHP), California Register of Historical Resources (CRHR), California Historical Landmarks (CHL), and California Points of Historical Interest (CPHI). At least 20 cultural resource reports within 1-mile of the Project are on file at the SCCIC. Two of these reports include a survey that is within the Project boundaries. Table 1 summarizes the surveys within the 1-mile radius.

Table 1. Reports within 1-Mile of the Project Boundary

Report No.	Year	Report Title	Author(s)	Comments
SB-00944	1980	Archaeological Survey Report: Flatten Cut Slopes At Two Locations And Curve Realignment At Another Location	Negative, unknown acreage, archaeological survey	
SB-03473	1980	Camp Angeles Land Exchange. 14pp	Gary A. Earney	Negative, 14 acre archaeological survey
SB-03476	1984	North Angeles Fuelwood Sale. 15pp	Rene J. Buvik	Negative, 55 acre archaeological survey
SB-03480	1979	Morton Peak Fuel Management Key Area. 27pp	Lewis J. Erickson	Negative, 864 acre archaeological survey
SB-03490	1975	Proposed Pacific Crest Trail Camp. 14pp	Bill Semago	Negative, 5 acre archaeological survey
SB-04317	2004	Cultural Resources Survey Of 144 Acres On The Angeles Oaks Property For The National Resources Conservation Service. 4pp	Michael Mirro	Negative, 144 acre archaeological survey (within Project)
SB-04627	2004	Archaeological Survey For A Portion Of The Angelus Oaks Community Defense Project, San Bernardino National Forest, California (Archaeological Reconnaissance Report 05-12-Sg-135)	Uyen Doan	Negative, unknown acreage archaeological survey
SB-05077	2005	Archaeological Reconnaissance Report Thurman Fire (Ca-Bdf-01019) Suppression Rehabilitation	Sharon Dooley	Negative, unknown acreage archaeological survey
SB-05155	2004	A Cultural Resource Sample Inventory For The Angelus Oaks Project In The Front Country Ranger District, San Bernardino National Forest, San Bernardino County, California	Randall W. Turner and Shannon C. Smith	Negative, unknown acreage, archaeological survey (within Project)
SB-05585	2006	Cultural Resources Evaluation and Impact Assessment Report, Camp Angelus Resort Historic District, San Bernardino National Forest, San Bernardino County, California	Dana N. Slawson	Negative, unknown acreage, archaeological survey
SB-06400	2007	Confidential Archaeological Letter for the Kappeler Forest Fire Prevention Exemption, San Bernardino County, California	John S. Kessler	Negative, unknown acreage, archaeological survey
SB-06604	2008	Confidential Archaeological Letter For The Florian Fire Prevention Exemption, San Bernardino County, California.	John Kessler	Negative, 1 acre archaeological survey
SB-06607	2009	unknown	John Kessler	Negative, unknown acreage, archaeological survey
SB-06761	2005	A Heritage Resources Inventory For The Hazard Tree Removal Project In The Mountain Top And Front Country Districts Of The San Bernardino National Forest On Behalf Of Southern California Edison Company.	Jill K. Gardner, Audry Williams, and Hubert Switalski	Unknown acreage, archaeological survey, 19 cultural resources
SB-06762	2005	Archaeological Monitoring For The Hazard Tree Removal Project In The Mountain Top And Front Country Districts Of The San Bernardino National Forest On Behalf Of The Southern California Edison Company.	Audry Williams, Hubert Switalski, and Jill K. Gardner	Unknown acreage, archaeological survey, 39 cultural resources
SB-06961	2005	Angelus Oaks Fuel Reduction Project, Inadvertent Effect To Sbr-11851H	Gene Zimmerman	Negative, unknown acreage, archaeological survey

Report	Year	Report Title	Author(s)	Comments
No.				
SB-07152	2011	Confidential Archaeological Letter For The Ridder		Negative, unknown
		Forest Fire Prevention Exemption, San Bernardino	Peter L. Feller	acreage,
		County, California.		archaeological survey
SB-07751	2011	Confidential Archaeological Letter For The Baker		Negative, unknown
		Forest Fire Prevention Exemption, San Bernardino	Peter L. Feller	acreage
		County, California.		archaeological survey
SB-07752	2011	Cultural Resources Monitoring Of The Emergency		Negative 0.25 acre
		Repair To A Downed Power Line Along The Bear	Evelyn N.	archaeological
		Valley 33kv Circuit, Angeles Oaks, San Bernardino	Chandler	monitoring
		County, California.		
SB-07753	2011	A Confidential Anghaeolasical Letter For The	Frank Losekoot	86 acre
		A Confidential Archaeological Letter For The Mountain Heli East Fuel Modification Project For		archaeological
		The County Of San Bernardino, San Bernardino		survey, 2 cultural
		County, California.		resources (within
				Project)

Eight cultural resources are recorded within 1-mile of the Project though none are within or adjacent to the Project boundaries. All of the resources are historic resources. A majority of the resources are located within a ¼-mile east of the Project and across State Route 38 (SR 38). One resource (36-012153) is an upright wooden post located over ¾-mile southwest of the Project near Constance Peak. This post may be a telegraph or early telephone wire post. Another resource (36-012154) is a linear resource located less than ½-mile northwest of the Project. This resource is composed of several mature trees with insulators attached onto the trees forming two alignments of early telegraph/ telephone line. Resources 36-20363 – 36-20367 are all historic isolated finds from the mid-twentieth century. Resource 36-23552 is Camp Angelus, which is comprised of buildings built by the Civilian Conservation Corps in 1933. The buildings are used by the US Forest Service. This resource has been recommended a status code of "3D" meaning the resource appears eligible for the NRHP as a contributor to a NRHP eligible historic district through survey evaluation. Table 2 below lists the resources in the record search area and their proximity to the Project boundary.

Table 2. Cultural Resources within One-Mile

Resource	Resource	Description	Eligibility	Distance and	
No.	Type		Status	Direction	
36-012153	Historic	Upright wooden post with hook, possible telegraph/ telephone line	Not evaluated	.75 miles southwest	
36-012154	Historic	Two linear alignments of mature trees with insulators and wire for telegraph/ telephone line	Not evaluated	.3 miles northwest	
36-020363	Historic	Isolate, one side-seamed can, fragment of milled lumber	Not eligible	.25 miles east	
36-020364	Historic	Isolate, one tobacco tin can	Not eligible	.25 miles east	
36-020365	Historic	Isolate, non-contiguous riveted metal pipe, 120 meters lone	Not eligible	.4 miles southeast	
36-020366	Historic	Isolate, one sanitary can, one colorless glass jar fragment	Not eligible	.25 miles east	
36-020367	Historic	Isolate, one sanitary can, one paint can, one milk can	Not eligible	.25 miles southeast	
36-023552	Historic	Camp Angelus Buildings, two contributing, one non-contributing	3D	.1 mile east	

In addition to the records search at the SCCIC, Dean Duryea, M.A., RPA, archaeologist at DUKE CRM conducted a review of on-line historical aerial photographs and historic USGS quad maps and General Land Office maps, utilizing Google Earth and FrameFinder, USGS Historical Topographic Map Explorer, and the Bureau of Land Management, General Land Office Records. A GLO survey map from 1896 of the region shows a trail and telephone wire go through the vicinity of the Project. The San Gorgonio 30-minute quad map from 1902 shows a small trail paralleling Mountain Home Creek and passing through Martin Glen (part of the Angelus Oaks area) towards the Santa Ana River. The San Gorgonio 15-minute quad map from 1954 shows SR 38 going through Angeles Oaks, and the small community of Glen Martin (Martin Glen) on the west side of the highway. Review of aerial photographs indicates that the land in the vicinity of the current Project area has been and remains heavily forested since the 1930's with evidence of early homes and cabins, and small businesses associated with Angelus Oaks. The area around the Project appears to have had very limited development over the decades since the earlier aerials and maps, with most development occurring sometime in the mid-twentieth century.

An inquiry to the Native American Heritage Commission (NAHC) was submitted to ascertain the presence of known sacred sites, Native American cultural resources, and/or human remains as part of informal scoping within the boundaries of the proposed project. On December 19, 2018, the NAHC indicated that there have been no Native American cultural resources identified within their Sacred Lands File for the project location. The NAHC provided the names of four Native American groups/individuals. Two of these names were from the same Native American tribe, the San Manuel Band of Mission Indians.

DUKE CRM reached out to the four local Native American contacts with cultural affiliation to the project location. The purpose was to ascertain if they have local information regarding Native American cultural resources that might be impacted by the project. Those Native American groups/individuals are:

- Mr. Robert Martin, Chairperson, Morongo Band of Mission Indians
- Ms. Lynn Valbuena, Chairperson, San Manuel Band of Mission Indians
- Ms. Lee Claus, Director of Cultural Resources, San Manuel Band of Mission Indians
- Ms. Goldie Walker, Chairperson, Serrano Band of Mission Indians

These individuals and tribes were mailed letters on December 24, 2018, asking for comment and information about resources within the area of the Project. On December 26, 2018, the San Manuel Band of Mission Indians emailed DUKE CRM in regards to the informal scoping request. On January 4, 2019, the Morongo Band of Mission Indians emailed DUKE CRM in regards to the informal scoping request. Follow-up phone calls were made on January 7, and January 9, 2019 to the Serrano Nation of Mission Indians. Over the course of two weeks, a total of five attempts were made to contact the Serrano Nation of Mission Indians.

Comments were received from the San Manuel Band of Mission Indians and the Morongo Band of Mission Indians. Jessica Mauck, Cultural Resources Analyst for the San Manuel Band of Mission Indians spoke for Ms. Lee Claus and Ms. Lynn Valbuena. Ms. Mauck mentioned that, "Angelus Oaks is a significant space for the San Manuel Band of Mission Indians (SMBMI) community – it has a Placename and is regularly used by the community. While the specifics are not something that can be stated and included within your study, please do let the Applicant know that SMBMI will

consult on this project with the Lead Agency". Mr. Travis Armstrong, Tribal Historic Preservation Officer for the Morongo Band of Mission Indians, spoke for Mr. Robert Martin. He mentioned that the Tribe did not have any information in regards to this Project. Several attempts were made to contact Ms. Goldie Walker. In an attempt to find an alternative method of contacting Ms. Walker through the internet, DUKE CRM found out that Ms. Walker had passed away last April 2018. There was no indication of any other liaisons or contacts with the Serrano Nation of Mission Indians provided by the NAHC. Please refer to Attachment C, for a summary of comments, copies of the NAHC letter, and correspondence with the Native American groups.

Mr. Duryea conducted an intensive, 15 meter-spaced transect, pedestrian survey of the Project on December 10, 2018. The survey area included 15 acres in the area of the proposed Project on either side of Mountain Home Creek Road (see Attachment A, Aerial Map). The soils range from decomposed granite sand and gravel, and exposed granitic bedrock, to humic sandy loam under heavy leaf litter and pine duff. The surface visibility was poor (less than 10 percent) with the ground surface obfuscated with heavy leaf litter, pine duff, and a few areas of melting snow. The area is moderately dense mixed oak and conifer woodland at an elevation around 5,800 feet. There was evidence of past ground disturbance with pads, water drainage systems, and bulldozed roads observed throughout the Project area. Few pieces of modern trash were observed throughout the Project (see Attachment B, Project Photographs).

Two features were encountered during the survey. It is unknown if these resources are historic. The first resource is the remains of a small structure. This structure was found in the east portion of the Project next to a drainage, and consisted of two collapsed wood walls, a wooden platform on top of cinder blocks. The construction of the structure was vernacular and composed of milled lumber, posts, boards and some plywood with wire-cut nails. The structure measured approximately 10 x 12 feet in size. An upright steel pipe with wires within the pipe probably brought power to the structure. No artifacts were observed except, a steel metal cabinet, with no drawers. Access to the structure was from an earthen berm that was built across the drainage from Mountain Home Creek Road to the far side against a steep slope, creating a small flat area. There were no diagnostic artifacts or historic information available on-line about the structure, so the age of the structure could not be determined, and DUKE CRM could not determine if the structure was modern or historic. The other feature was a water control feature located upstream from the wooden structure, on the steep slope of the drainage, and next to or below the existing road. The feature is composed of roughly hewn, native stone mortared together with concrete, creating a dam-like structure on the side of the slope and a spigot at the top. A steel and bronze pipe with a spigot sticks out horizontally from the top over the masonry. It is unknown what the function of this water control feature was, but it may have been used as flood control. Like the structure, this feature had no diagnostic information or artifacts associated with it, so DUKE CRM could not determine if it was modern or historic. Therefore, no cultural resources were observed during the field survey. This documentation is considered adequate.

DUKE CRM evaluated the proposed project for impacts to cultural resources according to CEQA. The Project is considered to have a low sensitivity for prehistoric and historic cultural resources for the following reasons: two prior surveys and the current study are negative for cultural resources within the Project boundaries, there are no prehistoric resources recorded within one mile of the Project, and because much of the Project location has been disturbed previously. Therefore, it is not likely that any cultural resources will be impacted by the Project. DUKE CRM does not recommend any additional work for cultural resources. However, if ground disturbing activities associated with

this project change, these changes may have the potential to disturb sediments that are previously undisturbed or may be from the prehistoric or historic period. In addition, if archaeological resources are discovered during project construction an archaeologist shall be notified immediately.

If previously unidentified cultural materials are un-earthed during construction, work shall be halted in that area until a qualified archaeologist can assess the significance of the find. If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

Thank you for contacting DUKE CRM on this interesting project. If you have any questions or comments, you can contact me at (949) 356-6660, ext 1010, or by e-mail at deanduryea@dukecrm.com.

Sincerely,

DUKE CULTURAL RESOURCES MANAGEMENT, LLC

Dean M. Duryea Jr., M.A., RPA

Archaeologist

Attachments

A: Project Maps

B: Project Photographs

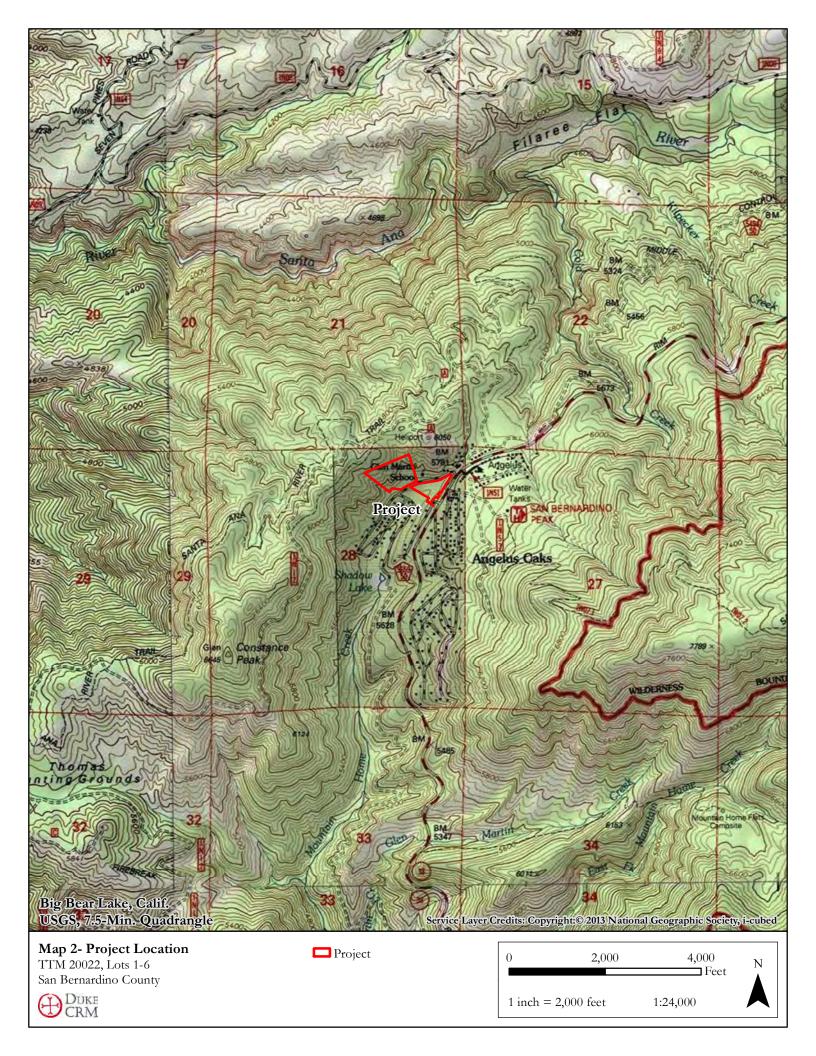
C: Native American Scoping Record

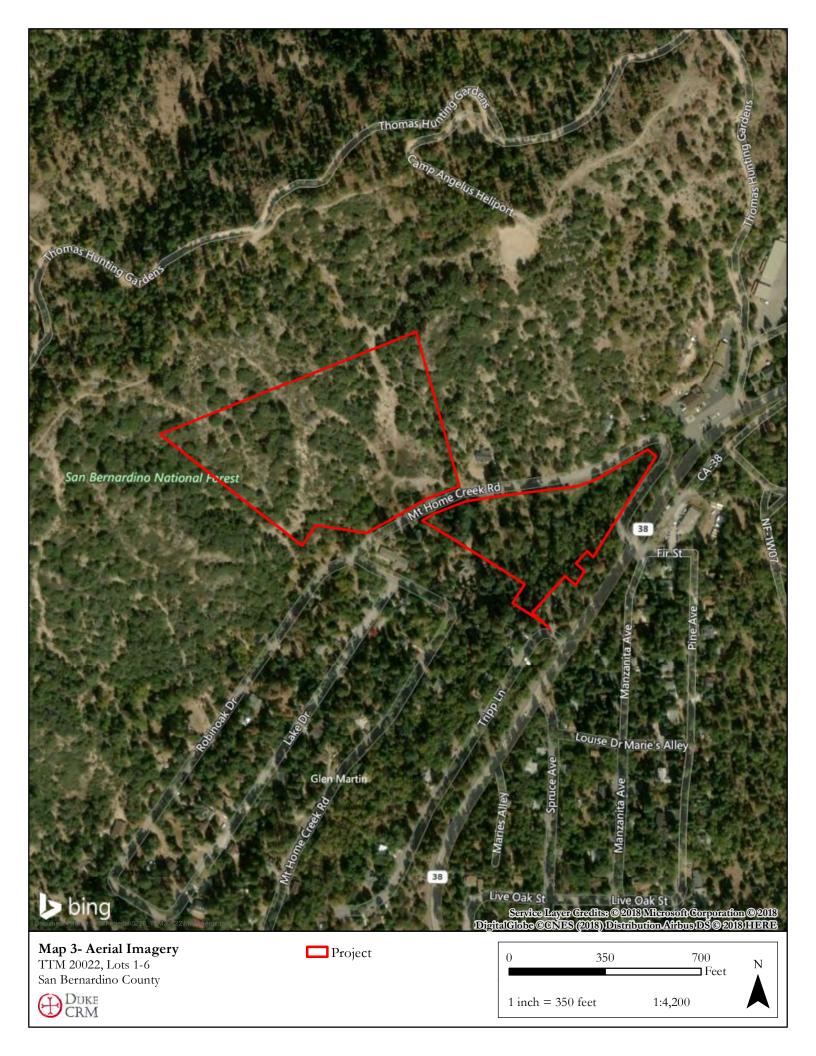


ATTACHMENT A

PROJECT MAPS







ATTACHMENT B

PROJECT PHOTOGRAPHS



DSCF1009. Overview of the east parcel of the Project area, looking south (12/11/18).



DSCF1101. Overview of the west parcel of the Project area, looking northeast (12/11/18).



DSCF1102. Overview of the west parcel of the Project area, looking northwest (12/11/18).



DSCF1104. Overview of the west parcel of the Project area, looking southeast (12/11/18).



DSCF1092. Overview of the possible historic structure, looking southeast (12/11/18).



DSCF1094. Overview of the possible historic water control feature, looking southeast (12/11/18).

ATTACHMENT C

NATIVE AMERICAN SCOPING RECORD

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100 West Sacramento, CA 95691 Phone: (916) 373-3710

Email: nahc@nahc.ca.gov Website: http://www.nahc.ca.gov

Twitter: @CA_NAHC

December 19, 2018

Sarah Nava Duke CRM

VIA Email to: sarahnava@dukecrm.com

RE: TTM 20022, Lots 1-6, San Bernardino County.

Dear Ms. Nava:

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 <u>negative</u>. 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 are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: katy.sanchez@nahc.ca.gov. Sincerely,

KATY SANCHEZ

Associate Environmental Planner

Attachment



Native American Heritage Commission Native American Contacts List 12/18/2018

Morongo Band of Mission Indians Robert Martin, Chairperson 12700 Pumarra Road

Banning ,CA 92220

Cahuilla Serrano

(951) 849-8807 (951) 922-8146 Fax

San Manuel Band of Mission Indians Lee Clauss, Director-CRM Dept.

26569 Community Center Drive

Serrano

Highland ,CA 92346 lclauss@sanmanuel-nsn.gov

(909) 864-8933 (909) 864-3370 Fax

San Manuel Band of Mission Indians Lynn Valbuena

26569 Community Center Dr.

Serrano

Highland ,CA 92346

(909) 864-8933

Serrano Nation of Mission Indians Goldie Walker, Chairperson P.O. Box 343

Patton ,CA 92369

Serrano

(909) 528-9027

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

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 Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes for the proposed: TTM 20022, Lots 1-6, San Bernardino County.

Native American Consultation Record

Project Name: TTM 20022 Survey, Lots 1-6

Project Number: C-0276

NAHC Contact Initiated: 11/30/2018 NAHC Response Received: 12/19/2018

Results: The NAHC did not identify any Native American cultural resources in the Sacred Lands File (SLF). The NAHC

recommended that we contact Native American groups/individuals for input on this project.

Matrix prepared by Dean Duryea

Group/Name	Date contact was initiated	Method of contact	Response
Morongo Band of Mission Indians Robert Martin Chairperson 12700 Pumarra Road Banning, CA 92220	12/24/2018	Certified Mail	Travis Armstrong, Tribal Historic Preservation Officer for the Morongo Band of Mission Indians responded to our inquiry via email on 1/4/18 . He mentioned that "Regarding the above referenced project, we have no additional information to provide at this time. Thank you for reaching out to our office."
San Manuel Band of Mission Indians Lynn Valbuena Chairperson 26569 Community Center Drive Highland, CA 92346	12/24/2018	Certified Mail	Jessica Mauck, Cultural Resources Analyst, replied to the scoping letter via email on 12/26/18. She mentioned that "Angelus Oaks is a significant space for the SMBMI community – it has a Placename and is regularly used by the community. While the specifics are not something that can be stated and included within your study, please do let the Applicant know that SMBMI will consult on this project with the Lead Agency."
San Manuel Band of Mission Indians Lee Clauss Director of Cultural Resources 26569 Community Center Drive Highland, CA 92346 Iclauss@sanmanuel-nsn.gov	12/24/2018	Certified Mail	Jessica Mauck, Cultural Resources Analyst, replied to the scoping letter via email on 12/26/18. She mentioned that "Angelus Oaks is a significant space for the SMBMI community – it has a Placename and is regularly used by the community. While the specifics are not something that can be stated and included within your study, please do let the Applicant know that SMBMI will consult on this project with the Lead Agency."
Serrano Nation of Mission Indians Goldie Walker Chairperson P.O. Box 343 Patton, CA 92369	12/24/2018	Certified Mail	On 1/7/2019 Dean Duryea (with DUKE CRM) called Ms. Walker. The phone number that was provided was busy, several additional attempts were made this day, all were received with a busy signal. On 1/9/2019, Mr. Duryea called the number provided for Ms. Walker again and received a busy signal. In an attempt to find a way of contacting Ms. Walker or the Serrano Nation, a Google search found that Ms. Walker had passed away last April 2018.

Dean Duryea

From: Jessica Mauck <JMauck@sanmanuel-nsn.gov>
Sent: Wednesday, December 26, 2018 12:55 PM

To: Dean Duryea

Subject: TTM 20022, Lots 1-6, Angelus Oaks, San Bernardino County, CA (C-0276)

Hi Dean,

Thank you for contacting the San Manuel Band of Mission Indians (SMBMI) regarding the above referenced project. SMBMI appreciates the opportunity to review the project documentation, which was received by our Cultural Resources Management Department on 26 December 2018. Please note that Angelus Oaks is a significant space for the SMBMI community – it has a Placename and is regularly used by the community. While the specifics are not something that can be stated and included within your study, please do let the Applicant know that SMBMI will consult on this project with the Lead Agency.

Regards,

Jessica Mauck
CULTURAL RESOURCES ANALYST
O: (909) 864-8933 x3249
M: (909) 725-9054
26569 Community Center Drive Highland California 92346
SAN MANUEL
BAND OF MISSION INDIANS

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination or copying of this communication is strictly prohibited. If you have received this electronic transmission in error, please delete it from your system without copying it and notify the sender by reply e-mail so that the email address record can be corrected. Thank You

Dean Duryea

From: Travis Armstrong «TArmstrong@morongo-nsn.gov»

Sent: Friday, January 4, 2019 5:37 PM

To: Dean Duryea

Subject: TTM 20022, Lots 1-6, Angelus Oaks Project

Hello,

Regarding the above referenced project, we have no additional information to provide at this time.

Thank you for reaching out to our office.

Sincerely,

Travis Armstrong Tribal Historic Preservation Officer Morongo Band of Mission Indians 951-755-5259

Email: thpo@morongo-nsn.gov

