

October 11, 2016

Mr. Driz Cook, Director
High Trails Outdoor Science School
P.O. Box 2640
Big Bear City, CA 92314
Transmitted via email to mike@dkcarch.com

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School, Community of Angelus Oaks, San Bernardino County, California

Dear Mr. Cook:

This letter, prepared by Applied EarthWorks, Inc. (Æ) on behalf of the High Trails Outdoor Science School, summarizes the results of the cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California.

Cultural Resource Literature and Records Search Results

An archaeological literature and records search was conducted at the South Central Coastal Information Center (SCCIC), housed at the California State University, Fullerton, on September 19, 2016. The objective of the records search was to determine whether any prehistoric or historic-period cultural resources were recorded previously within, or within a one-mile radius of, the property. The results of this search indicate that no fewer than 21 cultural resource investigations were completed within a one-mile radius of the property between 1963 and 2010 (Table 1). Five of these previous studies encompass portions of the property (see Table 1), including one reconnaissance survey (SB-3471) that encompassed the entire Project area.

Table 1 - Previous Cultural Studies within One-Mile of the Property

Author(s)	Date	Report #	Title
Lerch, Michael K.	1983	SB-01369	Archaeological Reconnaissance Report: Bald Cove Fuelwood Sale
Hatheway, Roger G	1987	SB-01747*	History and Evaluation: The Santa Ana Canyon Road
Smith, Gerald A.	1963	SB-01915	Archeological Survey of the Mojave River Area and Adjacent Regions
Hogan, Michael and B. Tom Tang	1993	SB-02916	Cultural Resource Assessment Camp Radford Located in the San Bernardino Mountains, San Bernardino National Forest, San Bernardino County, California
Mlazovsky, Marilyn	1994	SB-02950	Santa Ana River Crossings
Semago, Bill	1976	SB-03465	Camp Radford Preliminary Development Plan

**Table 1 (continued)**

Author(s)	Date	Report #	Title
Erickson, Lewis J.	1979	SB-03466	Radford #2 Timber Sale
Erickson, Lewis J.	1978	SB-03468	Barton Flats Salvage Sale
Erickson, Lewis J.	1979	SB-03470	Santa Ana Fuelbreak – Alder Creek
Earney, Gary A.	1980	SB-03471*	Contract Timber Sale - Archaeological Reconnaissance
Mlazovsky, Marilyn	1999	SB-03636	Santa Ana Prescribed Burn
Mountain Heritage Association	2003	SB-03883	Archaeological Survey of Recreation tracts in the San Bernardino National Forest
Romani, John	2005	SB-04626	Negative Archaeological Survey Report: Southern California Edison Jenks Lake 12kV and Weesha 2.4 kV Distribution Lines Deteriorate Pole Replacement Project, San Bernardino National Forest, San Bernardino County, CA
Mirro, Michael	2005	SB-05145	Cultural Resources Survey of 625 Acres in the Camp Tahquitz Project Area for the Natural Resources Conservation Service
Alexandrowicz, John Stephen	2006	SB-05145	Rehabilitation Guidelines for Cabin #11, Seven Oaks Recreation Residence, San Bernardino National Forest, San Bernardino County, California
Mirro, Michael	2007	SB-06100*	Cultural resources Monitoring of the Glass Road (AO0221) Project in the San Bernardino Mountains for the Natural Resources Conservation Service
Alexandrowicz, John Stephen	2009	SB-06101	A Historical Resources Investigation and Architectural Rehabilitation Guidelines for Cabin 65, Seven Oaks Recreation Residence Tract, San Bernardino National Forest, Pacific Southwest Region, San Bernardino County, California
Eckhardt, William	2003	SB-06381	National Register Evaluation Update Camp Radford Mountain Top Ranger District, San Bernardino National Forest, San Bernardino County, California
Gardner, Jill K., Audry Williams, and Hubert Switalski	2005	SB-06761*	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
Williams, Audry, Hubert Switalski, and Jill K. Gardner	2005	SB-06762*	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 Southern California Edison Company
Loosekoot, Frank	2010	SB-07064	A Confidential Archaeological Letter for the Tahquitz Fuel Modification Project for the County of San Bernardino, Hazardous Tree Removal Operations, San Bernardino County, California

*Studies that involved portions of the subject property.



As a result of these and other similar studies, 12 cultural resources have been documented within a one-mile radius of the property (Table 2). These include four built-environment resources (Camp Radford and structures within the Seven Oaks Recreation Residence Tract District), three prehistoric archaeological sites, and five historical archaeological sites. While the property is within the Seven Oaks Recreation Residence District boundary, no features/structures associated with the District have been documented within the property.

Table 2 – Cultural Resources Within One-Mile of the Property

Primary	Trinomial	Resource Type	Description
P-36-000224	CA-SBR-224	Site	Prehistoric site containing multiple bedrock milling features, lithics, and ceramics
P-36-007443	CA-SBR-7443	Site	Prehistoric lithic scatter
P-36-007444	CA-SBR-7444H	Built-Environment	Historical Camp Radford District; recreational camp
P-36-010447	CA-SBR-10447	Site	Prehistoric bedrock milling site
P-36-010450	CA-SBR-10450H	Site	Historical can scatter
P-36-010452	CA-SBR-10452H	Site	Historical refuse scatter
P-36-010453	CA-SBR-10453H	Site	Historical can scatter
P-36-010454	CA-SBR-10454H	Site	Historical Barton Ditch/water conveyance line
P-36-010455	CA-SBR-10455H	Site	Historical can scatter
P-36-019866	-	Built-Environment	Historical Cabin 65, Seven Oaks Recreation Residence
P-36-020550	-	Built-Environment	Historical Cabin 11, Seven Oaks Recreation Residence
P-33-021157	-	Built-Environment	Historical Seven Oaks Recreation Residence Tract District

Additional sources consulted during the cultural resource literature and records search include the *National Register of Historic Places*, the *Office of Historic Preservation Archaeological Determinations of Eligibility*, and the *Office of Historic Preservation Directory of Properties in the Historic Property Data File*. There are no listed historic properties, historical resources, or historic landmarks recorded within the property. Historical maps consulted during the cultural resource literature and records search include the 1902 San Geronio 1:125,000 USGS Map, the 1954 San Geronio Mountain 1:62,500 USGS Map, and the 1958 and 1966 San Bernardino 1:250,000 USGS Map. None of these historical maps show any buildings, structures, or other historical features within or immediately adjacent to the subject property.

Native American Communication

Æ requested a Sacred Lands File (SLF) search of the property from the Native American Heritage Commission (NAHC) located in Sacramento, California on August 29, 2016. The NAHC responded by letter on September 13, 2016 stating that the SLF search was completed with negative results. The NAHC requested that Native American individuals and organizations be contacted to elicit information and/or concerns regarding cultural resource issues related to the proposed Project. A letter describing the Project and asking these individuals and organizations for their input was sent via United States Postal Service (USPS) and electronic mail on September 23, 2016. A second attempt to contact individuals who had not responded to the initial information request was made by phone and email on October 7, 2016. A copy of the letters sent, the list of contacts, and responses received are included as Attachment A.

Individuals/organizations contacted include: Patricia Garcia-Plotkin, Tribal Historic Preservation Office Director for the Agua Caliente Band of Cahuilla Indians; Jeff Grubbe, Chairperson of the Agua Caliente Band of Cahuilla Indians; Amanda Vance, Chairperson of the Augustine Band of Cahuilla Indians; Doug Welmas, Chairperson of



the Cabazon Band of Mission Indians; Luther Salgado, Chairperson of the Cahuilla Band of Indians; Dennis Patch, Chairman of the Colorado River Indian Tribe; John Perada, Environmental Director for the Los Coyotes Band of Mission Indians; Shane Chapparosa, Chairman of the Los Coyotes Band of Mission Indians; Robert Martin, Chairperson of the Morongo Band of Mission Indians; John Gomez, Environmental Coordinator for the Ramona Band of Cahuilla Mission Indians; Joseph Hamilton, Chairperson of the Ramona Band of Cahuilla Mission Indians; John Valenzuela, Chairperson of the San Fernando Band of Mission Indians; Lee Clauss, Director of Cultural Resources for the San Manuel Band of Mission Indians; Steven Estrada, Chairperson of the Santa Rosa Band of Mission Indians; Goldie Walker, Chairperson of the Serrano Nation of Mission Indians; Joseph Ontiveros, Cultural Resource Department with the Soboba Band of Luiseño Indians; Carrie Garcia, Cultural Resource Manager for the Soboba Band of Luiseño Indians; Mary Resvaloso, Chairperson of the Torres-Martinez Desert Cahuilla Indians; and Michael Mirelez, Cultural Resource Coordinator for the Torres-Martinez Desert Cahuilla Indians.

As of October 11, 2016, three responses were received. The Agua Caliente Band of Cahuilla Indians noted that the property is not located within the Tribe's Traditional Use Area and deferred further consultation to other tribes in the area. The Los Coyotes Band of Mission Indians stated that the property is out of their interest area. The San Manuel Band of Mission Indians noted that area is sensitive to the Tribe and that the Tribe wants to be involved if the project moves forward. At this time, San Manuel would like a cultural survey of the property and Tribal monitoring during construction for inadvertent discoveries and possible human remains.

Management Recommendations

The records search has indicated that a small portion of the property has been subjected to intensive archaeological survey. However, there is a prehistoric site immediately adjacent to the subject property. As such, it is recommended that a complete Phase I cultural resource study of the property, including a pedestrian survey, be undertaken to assess the overall sensitivity of the Project area.

If you have any questions or concerns regarding the information provided above, please feel free to contact me at (951) 766-2000.

Best regards,

Joan George
Associate Archaeologist
Applied EarthWorks, Inc.



ATTACHMENT A
Native American Communication

LIST OF NATIVE AMERICAN CONTACTS AND RECORD OF RESPONSES

Name	Date & Time of Correspondence	Responses
Patricia Garcia-Plotkin Director Agua Caliente Band of Cahuilla Indians	September 23, 2016 September 28, 2016	Scoping letter sent via email. Received email from Katie Eskew, archaeologist for the Agua Caliente Band of Cahuilla Indians (ACBCI). The project is not located within the Tribe's Traditional Use Area and the ACBCI defers to the other tribes in the area.
Jeff Grubbe Chairperson Agua Caliente Band of Cahuilla Indians	September 23, 2016 September 28, 2016	Scoping letter sent via United States Postal Service. Received email from Katie Eskew, archaeologist for the Agua Caliente Band of Cahuilla Indians (ACBCI). The project is not located within the Tribe's Traditional Use Area and the ACBCI defers to the other tribes in the area.
Amanda Vance Chairperson Augustine Band of Cahuilla Indians	September 23, 2016 October 7, 2016	Scoping letter sent via United States Postal Service. Spoke to David Saldivar, Government Affairs Manager for the Tribe. Mr. Saldivar mentioned that he has not been able to review the scoping letter, but he will review it and send a response next week.
Doug Welmas Chairperson Cabazon Band of Mission Indians	September 23, 2016 October 7, 2016 Letter dated October 7, 2016	Scoping letter sent via United States Postal Service. E-mailed follow-up effort for correspondence to Ms. Judy Stapp, Director of Cultural Affairs for the Cabazon Band of Mission Indians. Received letter from Ms. Stapp, Director of Cultural Affairs for the Cabazon Band of Mission Indians. Ms. Stapp stated that the Project is located outside of Tribe's current reservation boundaries. The Tribe has no specific archival information on the site indicating that the Project area may be a sacred/religious site or other site of Native American traditional cultural value.

Name	Date & Time of Correspondence	Responses
Luther Salgado Chairperson Cahuilla Band of Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
Dennis Patch Chairman Colorado River Indian Tribe	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
Shane Chapparosa Chairperson Los Coyotes Band of Mission Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
John Perada Environmental Director Los Coyotes Band of Mission Indians	September 23, 2016 October 7, 2016	Scoping letter sent via United States Postal Service. Spoke to Mr. Perada and he said that San Bernardino County is out of the Tribe's interest area.
Robert Martin Chairperson Morongo Band of Mission Indians	September 23, 2016 October 7, 2016	Scoping letter sent via United States Postal Service. E-mailed follow-up effort for correspondence to Mr. Raymond Huaute, Cultural Resource Specialist for the Tribe.
John Gomez Environmental Coordinator Ramona Band of Cahuilla Mission Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
Joseph Hamilton Chairman Ramona Band of Cahuilla Mission Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
John Valenzuela Chairperson San Fernando Band of Mission Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.

Name	Date & Time of Correspondence	Responses
<p>Lee Clauss Director of Cultural Resources San Manuel Band of Mission Indians</p>	<p>September 23, 2016 September 29, 2016 October 4, 2016 October 7, 2016</p>	<p>Scoping letter sent via email.</p> <p>Received email response from Ms. Clauss noting that she would forward the email on to San Manuel Field Manager, Ann Brierty, who is familiar with the Project area.</p> <p>Received email from Ms. Brierty requesting additional information about the Project. I emailed her the requested information.</p> <p>E-mailed follow-up effort for correspondence and called and left a voicemail message.</p> <p>Ms. Brierty returned my call and requested additional information about the Project. I informed her that we were only conducting a cultural constraints analysis for the potential Project, and not a complete Phase I study, but I could send her copies of the records search information. She stated that she would like copies of the records search materials, including maps of the area so she could better identify the Tribe's concerns. Ms. Brierty said that the area is sensitive to the San Manuel Tribe. She also noted that the Tribe wants to be involved if the Project moves forward and, at a minimum, the Tribe would like a cultural survey of the property and Tribal monitoring during construction for inadvertent discoveries and possible human remains.</p>
<p>Steven Estrada Chairperson Santa Rosa Band of Mission Indians</p>	<p>September 23, 2016 October 7, 2016</p>	<p>Scoping letter sent via email.</p> <p>E-mailed follow-up effort for correspondence.</p>
<p>Goldie Walker Chairperson Serrano Nation of Mission Indians</p>	<p>September 23, 2016 October 7, 2016</p>	<p>Scoping letter sent via United States Postal Service.</p> <p>Called and left voicemail message about the Project.</p>

Name	Date & Time of Correspondence	Responses
Joseph Ontiveros Cultural Resource Department Soboba Band of Luiseño Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
Carrie Garcia Cultural Resources Manager Soboba Band of Luiseño Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
Michael Mirelez Cultural Resource Coordinator Torres-Martinez Desert Cahuilla Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.
Mary Resvaloso Chairperson Torres-Martinez Desert Cahuilla Indians	September 23, 2016 October 7, 2016	Scoping letter sent via email. E-mailed follow-up effort for correspondence.

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Boulevard, Suite 100

West Sacramento, CA 95691

(916) 373-3710

(916) 657-5390 – Fax

nahc@pacbell.net

Information Below is Required for a Sacred Lands File Search

Date: September 13, 2016

Project: High Trails Outdoor Science School Project (AE #3549)

County: San Bernardino

USGS Quadrangle Name: Big Bear Lake, CA

Township 1N / Range 1E, Section 8

Company/Firm/Agency: Applied EarthWorks, Inc.

Contact Person: Joan George

Street Address: 3550 East Florida Avenue, Suite H

City: Hemet

Zip: 92544

Phone: (951) 766-2000

Fax: (951) 766-0020

Email: jgeorge@appliedearthworks.com

Project Description. The Project proposes to build a Science Camp near Big Bear, San Bernardino County, California.

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
(916) 373-3710
Fax (916) 373-5471



September 13, 2016

Joan George
Applied EarthWorks, Inc.

Sent by E-mail: jgeorge@appliedearthworks.com

RE: Proposed High Trails Outdoor Science School Cultural Resources Study Projects, near the Community of Big Bear; Big Bear Lake USGS Quadrangle, San Bernardino County, California

Dear Ms. George:

A record search of the Native American Heritage Commission (NAHC) *Sacred Lands File* was completed for the area of potential project effect (APE) referenced above with negative results. Please note that the absence of specific site information in the *Sacred Lands File* does not indicate the absence of Native American cultural resources in any APE.

I suggest you contact all of the listed Tribes. If they cannot supply information, they might recommend others with specific knowledge. The list should provide a starting place to locate areas of potential adverse impact within the APE. By contacting all those on the list, your organization will be better able to respond to claims of failure to consult. If a response has not been received within two weeks of notification, the NAHC requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, 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 via email: gayle.totton@nahc.ca.gov.

Sincerely,

Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst

**Native American Heritage Commission
Native American Contact List
San Bernardino County
9/13/2016**

**Agua Caliente Band of Cahuilla
Indians**

Patricia Garcia-Plotkin, Director
5401 Dinah Shore Drive Cahuilla
Palm Springs, CA, 92264 Luiseno
Phone: (760) 699 - 6907
Fax: (760) 699-6924
ACBCI-THPO@aguacaliente.net

**Agua Caliente Band of Cahuilla
Indians**

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

**Augustine Band of Cahuilla
Mission Indians**

Amanda Vance, Chairperson
P.O. Box 846 Cahuilla
Coachella, CA, 92236
Phone: (760)398-4722
Fax: (760)369-7161

**Cabazon Band of Mission
Indians**

Doug Welmas, Chairperson
84-245 Indio Springs Parkway Cahuilla
Indio, CA, 92203
Phone: (760)342-2593
Fax: (760)347-7880

Cahuilla Band of Indians

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

Colorado River Indian Tribe

Dennis Patch, Chairman
26600 Mojave Road Chemehuevi
Parker, AZ, 85344 Mojave
Phone: (928)669-9211
Fax: (928)669-1925
crit.museum@yahoo.com

**Los Coyotes Band of Mission
Indians**

John Perada, Environmental
Director
P. O. Box 189 Cahuilla
Warner Springs, CA, 92086
Phone: (760) 782 - 0712
Fax: (760) 782-2730

**Los Coyotes Band of Mission
Indians**

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

**Morongo Band of Mission
Indians**

Robert Martin, Chairperson
12700 Pumarra Road Cahuilla
Banning, CA, 92220 Serrano
Phone: (951)849-8807
Fax: (951)922-8146

**Ramona Band of Cahuilla
Mission Indians**

John Gomez, Environmental
Coordinator
P. O. Box 391670 Cahuilla
Anza, CA, 92539
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**Ramona Band of Cahuilla
Mission Indians**

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admin@ramonatribe.com

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

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed High Trails Outdoor Science School Cultural Resources Study (AE #3549), San Bernardino County.

**Native American Heritage Commission
Native American Contact List
San Bernardino County
9/13/2016**

**San Fernando Band of Mission
Indians**

John Valenzuela, Chairperson
P.O. Box 221838
Newhall, CA, 91322
Phone: (760) 885 - 0955
tsen2u@hotmail.com

Kitanemuk
Serrano
Tataviam

**San Manuel Band of Mission
Indians**

Lee Clauss, Director of Cultural
Resources
26569 Community Center Drive
Highland, CA, 92346
Phone: (909) 864 - 8933
Fax: (909) 864-3370
lclauss@sanmanuel-nsn.gov

Serrano

**Santa Rosa Band of Mission
Indians**

Steven Estrada, Chairperson
P.O. Box 391820
Anza, CA, 92539
Phone: (951)659-2700
Fax: (951)659-2228

Cahuilla

**Serrano Nation of Mission
Indians**

Goldie Walker, Chairperson
P.O. Box 343
Patton, CA, 92369
Phone: (909)528-9027

Serrano

**Soboba Band of Luiseno
Indians**

Joseph Ontiveros, Cultural
Resource Department
P.O. BOX 487
San Jacinto, CA, 92581
Phone: (951)663-5279
Fax: (951)654-4198
jontiveros@soboba-nsn.gov

Cahuilla
Luiseno

**Soboba Band of Luiseno
Indians**

Carrie Garcia, Cultural Resources
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Fax: (951)654-4198
carrieg@soboba-nsn.gov

Cahuilla
Luiseno

**Torres-Martinez Desert Cahuilla
Indians**

Mary Resvaloso, Chairperson
P.O. Box 1160
Thermal, CA, 92274
Phone: (760)397-0300
Fax: (760)397-8146
tmchair@torresmartinez.org

Cahuilla

**Torres-Martinez Desert Cahuilla
Indians**

Michael Mirelez, Cultural
Resource Coordinator
P.O. Box 1160
Thermal, CA, 92274
Phone: (760)399-0022,Ext.1213
Fax: (760)397-8146
mmirelez@tmdci.org

Cahuilla

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This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed High Trails Outdoor Science School Cultural Resources Study (AE #3549), San Bernardino County.

September 23, 2016

Shane Chapparosa
Chairperson
Los Coyotes Band of Mission Indians
P.O. Box 189
Warner Springs, CA 92086

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Chapparosa:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

The archaeological literature and records search conducted at the South Central Coastal Information Center housed at the California State University, Fullerton, indicates that 21 cultural resources studies have been conducted within a one-mile radius of the property. Five of these studies involved portions of the property. Twelve cultural resource sites have been recorded within a one-mile radius of the property; however, no resources have been documented within the property.

As part of the cultural resource constraints analysis, Æ requested a search of the *Sacred Lands File* by the Native American Heritage Commission (NAHC) on August 29, 2016. The NAHC responded on September 13, 2016 noting that the *Sacred Lands File* search was completed with negative results. Should your records show that cultural properties exist within or near the Project area shown on the enclosed map, or if you have any concerns regarding Native American issues related to the overall Project, please contact me at (951) 766-2000 or via letter expressing your concerns. You may also e-mail me at jgeorge@appliedearthworks.com. If I do not hear from you within in the next two weeks, I will contact you with a follow-up phone call or email.

Please be aware that your comments and concerns are very important to us. I look forward to hearing from you in the near future. Thank you, in advance, for taking the time to review this request.

Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Lee Clauss
Director of Cultural Resources
San Manuel Band of Mission Indians
26569 Community Center Drive
Highland, CA 92346

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Ms. Clauss:

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Respectfully yours,



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Applied EarthWorks, Inc.

September 23, 2016

Steven Estrada
Chairperson
Santa Rosa Band of Mission Indians
P. O. Box 391820
Anza, CA 92539

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Estrada:

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Respectfully yours,



Joan George
Associate Archaeologist
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September 23, 2016

Carrie Garcia
Cultural Resource Manager
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Ms. Garcia:

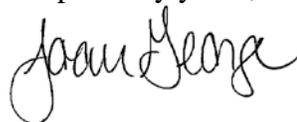
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Please be aware that your comments and concerns are very important to us. I look forward to hearing from you in the near future. Thank you, in advance, for taking the time to review this request.

Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Patricia Garcia-Plotkin
Director
Agua Caliente Band of Cahuilla Indians THPO
5401 Dinah Shore Drive
Palm Springs, CA 92264

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Ms. Garcia-Plotkin:

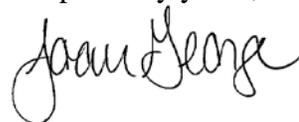
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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

John Gomez
Environmental Coordinator
Ramona Band of Mission Indians
P.O. Box 391670
Anza, CA 92539

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Gomez:

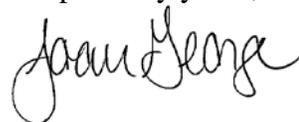
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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Jeff Grubbe
Chairperson
Agua Caliente Band of Cahuilla Indians
5401 Dinah Shore Drive
Palm Springs, CA 92264

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Grubbe:

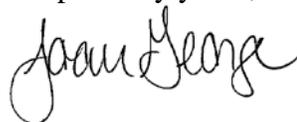
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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Joseph Hamilton
Chairperson
Ramona Band of Mission Indians
P.O. Box 391670
Anza, CA 92539

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Hamilton:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Robert Martin
Chairperson
Morongo Band of Mission Indians
12700 Pumarra Road
Banning, CA 92220

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Martin:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Michael Mirelez
Cultural Resource Coordinator
Torres-Martinez Desert Cahuilla Indians
P. O. Box 1160
Thermal, CA 92274

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Mirelez:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Joseph Ontiveros
Cultural Resource Department
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Ontiveros:

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Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Dennis Patch
Chairman
Colorado River Indian Tribe
26600 Mojave Road
Parker, AZ 85344

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Patch:

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Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

John Perada
Environmental Director
Los Coyotes Band of Mission Indians
P.O. Box 189
Warner Springs, CA 92086

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Perada:

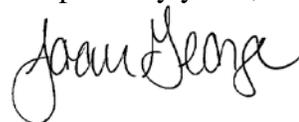
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Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Mary Resvaloso
Chairperson
Torres-Martinez Desert Cahuilla Indians
P. O. Box 1160
Thermal, CA 92274

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Ms. Resvaloso:

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Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Luther Salgado
Chairperson
Cahuilla Band of Indians
52701 U.S. Highway 371
Anza, CA 92539

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Salgado:

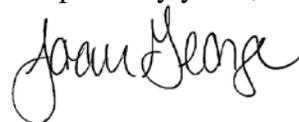
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Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

John Valenzuela
Chairperson
San Fernando Band of Mission Indians
P.O. Box 221838
Newhall, CA 91322

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Valenzuela:

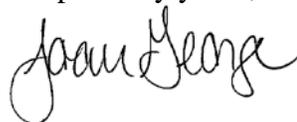
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Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Amanda Vance
Chairperson
Augustine Band of Cahuilla Mission Indians
P.O. Box 846
Coachella, CA 92236

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Ms. Vance:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

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As part of the cultural resource constraints analysis, Æ requested a search of the *Sacred Lands File* by the Native American Heritage Commission (NAHC) on August 29, 2016. The NAHC responded on September 13, 2016 noting that the *Sacred Lands File* search was completed with negative results. Should your records show that cultural properties exist within or near the Project area shown on the enclosed map, or if you have any concerns regarding Native American issues related to the overall Project, please contact me at (951) 766-2000 or via letter expressing your concerns. You may also e-mail me at jgeorge@appliedearthworks.com. If I do not hear from you within in the next two weeks, I will contact you with a follow-up phone call or email.

Please be aware that your comments and concerns are very important to us. I look forward to hearing from you in the near future. Thank you, in advance, for taking the time to review this request.

Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Goldie Walker
Chairwoman
Serrano Nation of Mission Indians
P.O. Box 343
Patton, CA 92369

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Ms. Walker:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

September 23, 2016

Doug Welmas
Chairperson
Cabazon Band of Mission Indians
84-245 Indio Springs Parkway
Indio, CA 92203

Re: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School Project, San Bernardino County, California

Dear Mr. Welmas:

On behalf of the High Trails Outdoor Science School (Developer), Applied EarthWorks, Inc. (Æ) is conducting a cultural resource constraints analysis for approximately 40 acres of land within Assessor's Parcel Number 0305-241-014. The Developer proposes to construct a Science Camp on the property which is located just north of the intersection of Patterson Road and Radford Camp Road in the Community of Angelus Oaks, San Bernardino County, California. As indicated on the attached map, the property is located on the Big Bear Lake, CA 7.5' USGS quadrangle maps within T1N/R1E, Section 8, San Bernardino Baseline and Meridian (S.B.B.M.).

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Respectfully yours,



Joan George
Associate Archaeologist
Applied EarthWorks, Inc.

From: [THPO Consulting](#)
To: ["Joan George"](#)
Subject: RE: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear
Date: Wednesday, September 28, 2016 11:32:05 AM

Greetings,

A records check of the ACBCI cultural registry revealed that this project is not located within the Tribe's Traditional Use Area (TUA). Therefore, we defer to the other tribes in the area. This letter shall conclude our consultation efforts.

Thank you,

Katie Croft
Archaeologist
Agua Caliente Band of Cahuilla Indians
5401 Dinah Shore Drive
Palm Springs, CA 92264
760-699-6829 Office
760-413-6253 Cell
760-699-6924 Fax
kcroft@aguacaliente.net

From: Joan George [mailto:jgeorge@appliedearthworks.com]
Sent: Friday, September 23, 2016 8:52 AM
To: THPO Consulting <ACBCI-THPO@aguacaliente.net>
Subject: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear

Good morning,

Attached please find a scoping letter and map for a proposed outdoor science school near Big Bear, San Bernardino County, California.

Thank you,
Joan

Joan George | Applied EarthWorks, Inc.
Associate Archaeologist



3550 E. Florida Ave., Suite H
Hemet, CA. 92544-4937
951.766.2000 x-24

office

www.appliedearthworks.com



October 7, 2016

Joan George
Associate Archaeologist
Applied EarthWorks, Inc.
3550 E. Florida Ave., Suite H
Hemet, CA 92544-4937

Re.: Cultural Resource Constraints Analysis for the High Trails Outdoor Science School
Project, San Bernardino County, California

Dear Ms. George,

Thank you for contacting the Cabazon Band of Mission Indians concerning cultural resource information relative to the above referenced project.

The project is located outside of the Tribe's current reservation boundaries. The Tribe has no specific archival information on the site indicating that it may be a sacred/religious site or other site of Native American traditional cultural value within the project area.

We look forward to continued collaboration in the preservation of cultural resources or areas of traditional cultural importance.

Best regards,

Judy Stapp
Director of Cultural Affairs

From: [Lee Clauss](#)
To: [Joan George](#)
Subject: RE: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear
Date: Thursday, September 29, 2016 9:09:43 AM

Good morning, Ms. George,

Thank you for contacting me and the San Manuel Band of Mission Indians CRM Department about the above-referenced project. I have forwarded your e-mail and the attachment to our Field Manager, Ms. Ann Brierty, who is currently overseeing two other projects in the Big Bear area. You should hear from her in the next 2-3 business days. If you do not, please do not hesitate to contact her at abrierty@sanmanuel-nsn.gov or via phone at 909.864.8933 ext. 3250. You may also follow-up with me, should you not receive communication from our office within the next two weeks.

Respectfully,

Lee Clauss
San Manuel Band of Mission Indians
Cultural Resources Management Department
Cultural Resources Management Director
O: (909) 864-8933 x3248
M: (909) 633-5851
lclauss@sanmanuel-nsn.gov
26569 Community Center Drive
Highland, CA 92346

To ensure a rapid reply concerning all AB 52 Consultation correspondence please use:
SMConsultation@sanmanuel-nsn.gov

From: Joan George [mailto:jgeorge@appliedearthworks.com]
Sent: Friday, September 23, 2016 9:04 AM
To: Lee Clauss
Subject: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear

Good morning,

Attached please find a scoping letter and map for a proposed outdoor science school near Big Bear, San Bernardino County, California.

Thank you,
Joan

Joan George | Applied EarthWorks, Inc.
Associate Archaeologist



3550 E. Florida Ave., Suite H
Hemet, CA. 92544-4937
951.766.2000 x-24

office

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From: [Joan George](#)
To: ["Ann Brierty"](#)
Subject: RE: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear
Date: Tuesday, October 04, 2016 1:34:00 PM
Attachments: [High Trail 20160517.pdf](#)

Hi Ann,

Unfortunately, we are only conducting a cultural constraints analysis for this one, so I don't have a ton of information for you. We are scoped to conduct a records search and Native American scoping to document potential cultural resource constraints on the project, should they move forward with it. I've attached a map of the proposed school. If they move forward with the project, I have no idea when it would start. While all the area surrounding the parcel is forest service land, the parcel itself is not. The County of San Bernardino is the lead agency. Please let me know if you would like me to send you the information I received from the records search.

Thanks,
Joan

Joan George | Applied EarthWorks, Inc.
Associate Archaeologist
951.766.2000 x-24 office

From: Ann Brierty [mailto:Abrierty@SanManuel-NSN.Gov]
Sent: Tuesday, October 04, 2016 1:08 PM
To: Joan George (jgeorge@appliedearthworks.com)
Cc: Ann Brierty
Subject: FW: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear

Afternoon Joan,

I was forwarded the aforementioned proposed project and I'm requesting to be provided the DPR forms, cultural reports and their appendices; as this will assist in our efforts to ascertain our concerns and provide comments.

A few questions:

- 1) do you have a projected construction start date?
- 2) the lead agency is San Bernardino National Forest, Front Country?
- 3) And can you provide a detailed description/map of all the ground disturbing activities (i.e. Utilities, building pads, roads, etc)?

I look forward to discussing this proposed project with you, after I've had the opportunity to review the requested cultural resource reports and the appendices.

Respectfully,

Ann Brierty
San Manuel Band of Mission Indians
Cultural Resources Management Department
Cultural Resources Field Manager
O: (909) 864.8933 x3250

M: (909) 649.1585
F: (909) 425.1409
abrierty@sanmanuel-nsn.gov
26569 Community Center Drive
Highland, CA 92346

From: Lee Clauss
Sent: Thursday, September 29, 2016 9:06 AM
To: Ann Brierty
Subject: FW: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear

Hi Ann,

Please follow-up with Ms. George regarding this project.

Thanks,

Lee

Lee Clauss
San Manuel Band of Mission Indians
Cultural Resources Management Department
Cultural Resources Management Director
O: (909) 864-8933 x3248
M: (909) 633-5851
lclauss@sanmanuel-nsn.gov
26569 Community Center Drive
Highland, CA 92346

To ensure a rapid reply concerning all AB 52 Consultation correspondence please use:
SMConsultation@sanmanuel-nsn.gov

From: Joan George [<mailto:jgeorge@appliedearthworks.com>]
Sent: Friday, September 23, 2016 9:04 AM
To: Lee Clauss
Subject: Cultural Resource Constraints Analysis for High Trails Outdoor Science School near Big Bear

Good morning,

Attached please find a scoping letter and map for a proposed outdoor science school near Big Bear, San Bernardino County, California.

Thank you,
Joan

Joan George | Applied EarthWorks, Inc.
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PHONE LOG

Call to:
Ann Brierty
Cultural Resources Management Department
Cultural Resources Field Manager
San Manuel Band of Mission Indians
(909) 864-8933 x3250

RE: Follow-up to Initial Scoping Letter – Cultural Constraints Analysis – High Trails Outdoor Science School Project, San Bernardino County, California

Date: October 10, 2016, 1:30pm

Left a voicemail message for Ms. Brierty regarding scoping for the Project.

Date: October 10, 2016, 3:50pm

Ms. Brierty returned my call and requested additional information about the Project. I informed her that we were only conducting a cultural constraints analysis for the potential Project, and not a complete Phase I study, but I could send her copies of the records search information. She stated that she would like copies of the records search materials, including maps of the area so she could better identify the Tribe's concerns. Ms. Brierty said that the area is sensitive to the San Manuel Tribe. She also noted that the Tribe wants to be involved if the Project moves forward and, at a minimum, the Tribe would like a cultural survey of the property and Tribal monitoring during construction for inadvertent discoveries and possible human remains.