

BUREAU OF INDIAN AFFAIRS – PACIFIC REGION OFFICE

## Phase I Environmental Site Assessment Supply Creek Site

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Using ASTM Practice E 1527-13



**Conducted by:**

Division of Environmental, Cultural Resources Management and Safety  
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**Purpose:**

Site Assessment  
Hoopa Valley Tribe  
Parcel ID#: 525-171-009-000  
Field Reconnaissance for the Property, May 09, 2019

**May 22, 2019**

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# 1.0 Introduction

## 1.1 Purpose

The Bureau of Indian Affairs (BIA) Pacific Region (PR) Division of Environmental, Cultural Resource Management and Safety (DECRMS) Regional Environmental Scientist (RES) conducted a Phase 1 Environmental Site Assessment (P1 ESA) on the 525-171-009-000 parcel(s) in compliance with ASTM International Standard E 1527-13. This report summarizes the action(s) undertaken by DECRMS for completing an environmental site assessment of the subject parcel with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA (42 U.S.C. §9601) and petroleum products.

The Hoopa Valley Tribe, herein after "Property Owner", holds fee simple of the subject property consisting of approximately 15.34± acres and identified by Humboldt County as 525-171-009-000 (Humboldt County, 2019). Parcel(s) 525-171-009-000 is currently in Tribal Land (TL) status and geographically located in the west-central quadrant of the Hoopa Valley Reservation. The dominate land features of the subject parcel include vacant lands situated to the north-northwest of the Hoopa Valley Elementary School.

The lower reaches of Supply Creek were subject to channelization as a means of protecting lands slated for development. Channelization in this instance included the construction of a berm along the south-southeastern bank of the creek. The Hoopa Valley Tribal Fisheries Program (HVFP) sought to reverse the negative impacts of the channelization policies to improve stream condition and to support salmonids production. A primary component of this effort included the realignment of a road to the south-southwestern 525-171-009-000 property line. As HVFP initiated roadbed clearing for Scale Shack Road with the Hoopa Roads Department debris piles were encountered. The debris piles reportedly included old tiles and other materials that prompted the HVFP to trigger a response from the Humboldt County Hazardous Waste Program (HCHWP). HCHWP sampled the uncovered materials and sent to TEM Laboratories in Berkeley California for analysis. The materials tested positive for chrysotile asbestos and as a precautionary measure the site is now subject to limited entry, public notice campaigns, and future encapsulation to prevent accidental transmission of friable material and potential attendee exposure at the elementary school. On October 15, 2018, the HVFP recommended to the Hoopa Valley Tribal Council that the following actions be undertaken including:

1. Restrict access to the site;
2. Remove uncovered tiles;

3. Conduct thorough assessment and prepare remediation plan; and,
4. Pursue federal funding for cleanup.

The HVFP acknowledges that the contamination may severely delay, restrict and/or eliminate the restoration project on the lower reaches of Supply Creek (HCFP, 2018).

The Property Owner on April 17, 2019 filed a technical assistance request with the BIA-PR for the preparation of a 1527-13 compliant report potentially affirming the presence of suspect asbestos materials unearthed during a stream channel restoration project. The Phase I Environmental Site Assessment Report is planned to be used by the Hoopa Valley Tribe to move forward with a Phase II Environmental Site Assessment (PII ESA) as prescribed by ASTM 1903-11 and provide justification to attempt to secure additional funding support. The PII ESA would seek to identify the nature and extent of the suspect contaminants and prescribe clean-up action(s) necessary to remediate and reuse the site consistent with the intent of the Hoopa Valley Tribe.

## **1.2 Scope of Work**

The BIA-PR ESA practice conforms to ASTM International standard(s), as applicable to the subject property, mandated by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). BIA-PR conducts electronic, database and in-situ assessments of the subject property and adjoining properties to determine the presence of RECs on the subject property. RECs are defined as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products to the environment. The term includes hazardous substances or petroleum products stored on a subject property in compliance with applicable regulations. RECs however, do not include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

The scope of work for this 525-171-009-000 Phase I ESA includes:

- 1) Data exchange and information sharing with the Hoopa Valley Tribe for the 525-171-009-000 parcel(s).
- 2) The review of the official record and associated material related to parcel 525-171-009-000 by the Hoopa Valley Tribe.
- 3) A limited review of topographic, geological and hydrogeological information

related to the 525-171-009-000 parcel(s) and surrounding area.

- 4) A limited review of the federal, tribal, state and local regulatory information for potential environmental hazards on and within a one-mile radius of the 525-171-009-000 parcel(s).
- 5) On-site interviews with current property owner(s) and other persons that have or might have knowledge of the current or past uses of the 525-171-009-000 parcel(s).
- 6) On-site observation and assessment of the 525-171-009-000 parcel(s) and adjacent properties to determine the presence or suspect presence of RECs.
- 7) The preparation of a narrative report summarizing the findings of the 525-171-009-000 Phase I ESA.

### **1.3 Limitations and Exceptions**

Tree cover along the south-southeastern property line was overgrown however exposed portions of tile fragments were readily viewable. The site topography and land cover did not restrict observations by the site team.

### **1.4 Standard of Care**

The 525-171-009-000 Parcel(s) P1 ESA is intended for the explicit use of the Hoopa Valley Tribe for remediation and reuse activities and BIA-PR as justification for funding support and technical assistance. The services performed by the DECRMS environmental professionals for the site assessment of 525-171-009-000 parcel(s) align with the level of care and skill ordinarily exercised by reputable members of the profession, practicing in the same locality, under similar budget and time constraints. Recommendations or opinions contained in this report represent the DECRMS environmental professional's professional judgment and are generally based on available information and currently accepted practices of environmental professionals. No warranty or guarantee, expressed or implied, is made or intended. Information in this report obtained during interviews was accepted in good faith. Information obtained from databases is limited to the accuracy of the databases accessed.

## 2.0 Site Description

### 2.1 Site Location

The 525-171-009-000 parcel is legally described as follows: Section Twenty-Five (25) and Twenty Six (26), Township Eight (8) North, Range Four (4), West, in Humboldt County, California

### 2.2 Current Use

Humboldt County California classes the 525-171-009-000 parcel as:

#### Tribal Lands (TL)

R-EPS onsite observation and assessment verified that the entire property is vacant land. Onsite observations include but are not limited to:

The parcel is generally vacant with reported wastewater infrastructure within the northern/north-central quadrant. An existing chainlink fence surrounds the wastewater area but is not maintained. Directly north of the parcel is a reported operational septic system and directly to the south of the parcel is the "Field of Dreams" recreational facility.

### 2.3 Adjoining Properties

Adjoining properties associated with the 525-171-009-000 parcel are as listed below. On-site interviews provided current and historical use information related to adjoining properties. Site observations and assessments were primarily completed using mapping software such as ArcGIS and Google Earth.

North:	Scale Shack Road, Riparian Zone
East:	Recreational Facility, Highway 96
South:	Hoopa Valley Elementary Schools
West:	Vacant Lands, Loop Road

### 3.0 User Provided Information

The PR and the Property Owner are identified as primary users of the data supporting the April 17, 2019 technical assistance request of the 525-171-009-000 parcel. Data compiled and shared with DECRMS by the Property Owner is documented in the environmental review files held by PR.

Investigatory and/or supporting data compiled by DECRMS for the development of the environmental site assessment report(s) are intended to comply with the applicable ASTM standard (1527-13 or 2247-16) for the subject property.

The Property Owner, as represented by Mr. Ken Norton – Environmental Director, Hoopa Valley Tribe, reported that: 1) the site is not used for an industrial purpose; 2) the site has known hazardous substances and petroleum products; 3) the site does not have fill or stained soils; 4) the site does not have underground or above-grade storage tanks; 5) the sites does not have known RCRA, CERCLA, TSCA or CAA sites; 6) the sites does not have drinking water systems; 7) the site does not have septic or wastewater services; 7) the site does not have environmental liens, activity use limitations an violations; 8) the site has been subject to a 2019 environmental study by the BIA-PR; 9) the site has not been subject to legal and administration actions; 10) the site does not have a cemetery or sensitive areas; and 11) the site has the potential to support a threatened or endangered species. These statements verify the information obtained during the interview completed May 01, 2019 and transmitted to DECRMS on May 03, 2019.

The Local Government Agency, as represented by Ms. Tonya Lindsey – Environmental Planner – Hoopa Valley Tribe, reported that: 1) the site is not used for an industrial purpose; 2) the site does not have known hazardous substances and petroleum products; 3) the site does not have fill or stained soils; 4) the site does not have underground or above-grade storage tanks; 5) the sites does not have known RCRA, CERCLA, TSCA or CAA sites; 6) the sites does not have drinking water systems; 7) the site does not have septic or wastewater services; 7) the site does not have environmental liens, activity use limitations an violations; 8) the site has been subject to a 2019 environmental study by the BIA-PR; 9) the site has not been subject to legal and administration actions; 10) the site does not have a cemetery or sensitive areas; and 11) the site has the potential to support a threatened or endangered species. These statements verify the information obtained during the interview completed May 01, 2019 and transmitted to DECRMS on May 03, 2019.

The Local Government Agency, as represented by Mr. Amos Pole – Water Quality Specialist – Hoopa Valley Tribe, reported that: 1) the site is not used for an industrial purpose; 2) the site has known hazardous substances and petroleum products; 3) the

site does not have fill or stained soils; 4) the site does not have underground or above-grade storage tanks; 5) the sites does not have known RCRA, CERCLA, TSCA or CAA sites; 6) the sites does not have drinking water systems; 7) the site does not have septic or wastewater services; 7) the site does not have environmental liens, activity use limitations an violations; 8) the site has been subject to a 2017 environmental study by the BIA-PR; 9) the site has not been subject to legal and administration actions; 10) the site does not have a cemetery or sensitive areas; and 11) the site has the potential to support a threatened or endangered species. These statements verify the information obtained during the interview completed May 01, 2019 and transmitted to DECRMS on May 03, 2019.

Additional information obtained during the interview process for the 525-171-009-000 parcel includes:

1. The Hoopa Valley Elementary Schools has an onsite bus garage and maintenance shop;
2. The reported wastewater infrastructure within the fenced area never became operational and remains in situ;
3. The Hoopa Valley Tribal Council was made aware of the site and its conditions as a result of the HVFP 2018 memorandum;
4. The Hoopa Valley Tribe is actively participating in the CERCLA process and is pursuing funding support from multiple county, state, tribal and federal agencies for additional studies and applicable remediation actions.

## 4.0 Physical Records Review

Published information that was reviewed included United States Geological Survey (USGS) National Map Viewer maps, the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Web Soil Survey (WSS) maps, Wisconsin Geologic Survey Bedrock Geology Maps, the United States Environmental Protection Agency (USEPA) My Waters Mapper and the Wisconsin Department of Health (MDH) County Well Index (CWI) report.

### 4.1 Topographic Review

Using slope categories published by the NRCS, the 525-171-009-000 parcel(s) land features are nearly level (Natural Resource Conservation Service, 2018). Humboldt County quantifies the area as having low instability in its relative slope stability rating structure. Elevation ranges from approximately 99.72 feet to 103.11 feet throughout the 525-171-009-000 parcel(s). The USGS Elevation map is located in [Appendix G](#).

## 4.2 Soils Review

RES generated an Area of Interest (AOI) rendering representing an approximation of the 525-171-009-000 parcel(s) using the NRCS WSS interactive internet-based tool. The product rendering summarize soils data within the AOI and includes:

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
161	Gencey, 0 to 2 percent slopes	3.5	100.0%
Totals for Area of Interest		3.5	100.0%

The primary characteristics of the Gencey soil type includes:

1. Loam profile;
2. Excessively drained;
3. Alluvium derived from mixed sources; and,
4. Prime farmland if irrigated.

The Soils map for the 525-171-009-000 parcel(s) is located in [Appendix H](#) in its entirety.

## 4.3 Hydrogeological Review

The 525-171-009-000 parcel(s) is located in the Trinity watershed 8-unit Hydrologic Unit Code (HUC) 18010211. The Supply Creek 12-unit HUC code 1080102111205 watershed occur on the property. General groundwater flow for 18010211 is anticipated to travel toward the Klamath River subject to natural variations associated with aquifer characteristics. The My WATERS mapper rendering is located in [Appendix J](#).

The 525-171-009-000 parcel(s) falls within the Klamath Mountains geologic province. A northerly trending, generally steep, thrust fault, the South Fork Mountain fault, separates the Klamath Mountain from the Coast Range (Irwin, 1966). The recharge of groundwater in the Hoopa Valley and surrounding area is dependent upon two factors: direct infiltration of precipitation and the infiltration of runoff derived from the various perennial streams. Groundwater can be recharged very rapidly because of the high permeability of the material that composes the alluvial terraces (Hoopa Valley Tribe, 2014.)

## 4.4 Wells

RES accessed the California Department of Water Resources (CDWR) Well Completion Report Map Application (WCRMA) and generated Well Completion Report (WCR) rendering for the 525-171-009-000 parcel(s). The 525-171-009-000 parcel(s) has approximately 4 domestic water well(s) within the search area. The record depth

associated with these wells include: 44 feet minimum; 68 feet average; and 110 feet maximum. State Well #76738 has a recorded depth of 44 feet with a static water level of 38 feet. Geologic conditions of this well includes top soil, clay, sand and gravel, boulders and gravel sand; and water sand gravel and boulders. The WCR(s) depicting available is located in [Appendix I](#).

## 5.0 Historical Records Review

Historical resources were examined to determine the past land usage of the 525-171-009-000 parcel(s) and to identify land uses on nearby properties that could have had an environmental impact on the subject property. Available sources of historical information that were researched during preparation of this report included historical topographic maps, Sanborn fire insurance maps, City directories, aerial photographs, and information available as provided by EDR Incorporated and/or BIA-MRO research.

The ASTM standard requires that all obvious uses of the property be identified back to the subject property's obvious first developed use (including agricultural use), or to 1940, whichever is earlier, through a review of potentially useful, reasonably ascertainable, standard historical sources. The earliest, potentially useful, reasonably ascertainable, standard historical source available for the 525-171-009-000 property dated to 1965.

### 5.1 Historical Topographic Maps

DECRRMS accessed the National Map program and downloaded historic topographic maps for years 1979, 1997 and 2018. The historical topographic map(s) verify that the 525-171-009-000 parcel(s) was developed land(s) for the Hoopa Community as early as 1979. A copy of the topographic maps is included in [Appendix O](#).

### 5.2 Aerial Photograph Review

DECRRMS downloaded aerial photographs obtained from the Hoopa Tribal Environmental Department and from Humboldt County California GIS online program and reviewed these historic aerial(s) for years 1965, 1972, 1982, 2004, 2005, 2009, 2010, 2012, 2014 and 2016. Copies of the aerial photographs are included in [Appendix P](#).

The 1965 and 1972 aerials depicts in varying degrees the subject parcel as a potential terrace and/or floodplain area serving the adjacent Supply Creek riparian zone. There does not appear to be relevant development of the parcel with the exception of a small roadway.

The 1982 aerial depicts a significant change to the parcel associated with the construction of a berm identified as Scale Shack Road. Forested habitat remains on the parcel. The southern adjacent parcel appears to have additional development related to the elementary school facility.

The 2004-2005 aerials depict the overall reduction of forested habitat throughout the parcel. There is some indication of disturbance in the west-central quadrant of the parcel that could possibly be connected to the wastewater infrastructure as reported.

The 2009-2010 aerial depicts a significant change to the parcel associated with the introduction of what appears to be fill to the site. Fill origin data was requested at the time of this report, however fill origin data was not recorded or received by DECRMS.

All of the remaining aerials are all similar and depict 525-171-009-000 as vacant lands near the condition recorded during the site visit on May 09, 2019. RECs are not reasonably and/or visually apparent on the 525-171-009-000 parcel(s) as determined through a review of the available and downloaded aerial photographs.

### 5.3 Sanborn Fire Insurance Maps

DECRMS reviewed the Sanborn report downloaded from the Library of Congress – Geography & Map Reading Room for the subject property. This search did not identify online records associated for the 525-171-009-000 parcel. The Sanborn report is located in [Appendix F](#).

### 5.4 City Directory Review

DECRMS was unable to access City/County Directories during the evaluation of the 525-171-009-000 parcel. In addition, BIA-MRO researched adjacent landowners directly adjacent to the 525-171-009-000 parcel. Adjacent landowners identified include:

Humboldt County (525-171-009-000 Parcel)			
Landowner	Parcel Number	Address	Length of Ownership
Hoopa Valley Tribe	525-171-008-000 525-171-005-000 525-171-007-000 525-281-011-000 525-281-013-000 525-281-014-000 525-281-026-000	Loop Road Hoopa California	Unknown

## 5.5 Internet Research

DECRMS accessed and reviewed the Humboldt County website for information pertaining to the 525-171-009-000 parcel(s). The County database provided the following information for the subject property:

1. Property identification number: *525-171-009-000*
2. Property Owner: Hoopa Valley Tribe
3. Site size: 15.34 +/- acres
4. Zoning/Classification: Tribal Lands

The Humboldt County Parcel map and reports for the 525-171-009-000 are located in Appendix F.

## 6.0 Government Records Review

### 6.1 My Environment

Published information of standard federal and state/tribal records<sup>1</sup> that was reviewed included: National Priorities List (NPL); Delisted NPL; Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List [currently Superfund Enterprise Management (SEMs)] and CERCLIS/No Further Remedial Action Planned (NFRAP); Resource Conservation and Recovery Act; RCRA Corrective Action Sites (CORRACTS); RCRA Non-CORRACTS listed as Treatment, Storage and/or Disposal (TSD); RCRA Generators; Use of Institutional Controls & Engineering Controls (IC/EC) Registries; Emergency Response Notification System (ERNS) List; State Priorities List (SPL); State CERCLIS; Voluntary Cleanup Sites; Brownfield Sites; Landfills or Solid Waste Disposal (SWD) facilities; Leaking Underground Storage Tanks (LUST); Underground Storage Tanks (UST) and information available as provided by Environmental Data Resources (EDR) Incorporated and/or BIA-MRO research.

The RES accessed an online database system services managed and maintained by the U.S. Environmental Protection Agency to generate an online report designed to meet search requirements for the evaluation of environmental risk associated with a parcel of real estate. The reasonable search of select government records for the 525-171-009-000 parcel(s) and identified three (3) record(s) associated with federal, tribal, state and/or local regulated facilities within approximately one mile of Loop Road Hoopa California 95546. The following table is representative of the Map Finding Summary located in My Environment report. The report is located in [Appendix B](#).

Database	Search Distance (Miles)	Target Property	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
Air Pollution (ICIS-AIR)	1.000	525-171-009-000	0	0	0	0	0	0
Toxic Releases to Air (TRI)	1.000	525-171-009-000	0	0	0	0	0	0
Water Dischargers (NPDES)	1.000	525-171-009-000	0	0	0	1	0	1
Toxic Releases to Water (TRI)	1.000	525-171-009-000	0	0	0	0	0	0
Emergency Incidents	1.000	525-171-009-000	0	0	0	0	0	0
Superfund Sites (NPL)	1.000	525-171-009-000	0	0	0	0	0	0
Hazardous Waste (RCRAInfo)	1.000	525-171-009-000	0	0	0	1	0	0
Toxic Releases to Land (TRI)	1.000	525-171-009-000	0	0	0	0	0	0
Brownfield Properties (ACRES)	1.000	525-171-009-000	0	0	0	1	0	1
Biennial Reporting	1.000	525-171-009-000	0	0	0	0	0	0
Toxic Substances (TSCA)	1.000	525-171-009-000	0	0	0	0	0	0
<b>Totals</b>			0	0	0	3	0	3
TP = Target Property								
NR = Not Requested at this Search Distance								
Sites may be listed in more than one database.								

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## 6.2 California Environmental Databases

The California GeoTracker (CGT) is an online database managed by the California State Water Resources Board (CSWRB) for the purposes of providing information related to sites that require cleanup, such as Leaking Underground Storage Tank (LUST) Sites, Department of Defense Sites, and Cleanup Program Sites (CA, 2016).

The RES executed a CGT report for the Loop Road Hoopa California 95546 subject property. The report generated identified one (1) record(s) associated with businesses and/or operations under active monitoring and/or investigation by the CSWRB for violations and/or actions within the property boundaries. The status of this site is "completed case closed". The CGT report is located in [Appendix C](#).

## 6.3 Enforcement and Compliance History Online (ECHO) Report

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities Nationwide. Its features range from simple to advanced, catering to users who want to conduct broad analyses as well as those who need to perform complex searches. Specifically, ECHO allows you to find and download information on: 1) Permit data; 2) Inspection dates and findings; 3) Violations; 4) Enforcement actions; and 5) Penalties assessed (Environmental Protection Agency, 2015).

The RES executed an ECHO report for the 525-171-009-000 parcel(s) located at Loop Road Hoopa California 95546. The report generated did not identify records associated with businesses and/or operations under active monitoring and/or investigation by the US Environmental Protection Agency within a one-mile radius of the subject property. The ECHO report is located in [Appendix D](#).

## 6.4 Envirofacts Report

Envirofacts relies on select environmental databases managed by the United States Environmental Protection Agency to provide environmental data regarding any point in the United States (United States Environmental Protection Agency, 2015). The system's Multi-system Search function provides facility information, including toxic chemical releases, water discharge permit compliance, hazardous waste handling processes, Superfund status and air emission estimates. These data can be accessed using a physical address, zip code, City and State or County and State.

The RES executed an Envirofacts report for the 525-171-009-000 parcel(s) located at Loop Road Hoopa California 95546. The report generated did not identify records associated with businesses and/or operations under active monitoring and/or

investigation by the US Environmental Protection Agency within a one-mile radius of the subject property. The Envirofacts report is located in [Appendix E](#).

## 6.5 USFWS IPaC Trust Resource Report

The IPaC Trust Resource Report provides a simple and comprehensive approach of identifying species potentially affected by a project and providing relevant conservation approaches to mitigate effects to the natural environment. The goal of the IPaC is to: 1) look at species health and conservation across the landscape, not just in the project area; 2) aid in project design, reduce design costs and reduce environmental impact; 3) ensure that conservation measures will make real differences; and 4) prevent the need to add new plants and animals to the list of endangered and threatened species (US Fish and Wildlife Service, 2015). The system's Search function provides threaten and endangered species information for geographic areas as well as site specific project areas. These data can be access using a physical address, zip code, City and State or County and State.

The RES executed an IPaC Trust Resource report for the 525-171-009-000 parcel located at Loop Road Hoopa California 95546. The report generated identified five (5) threatened and/or endangered species including the: 1) Fisher (Proposed threatened); the 2) Marbled Murrelet (threatened); the 3) Northern Spotted Owl (threatened); the 4) Western Snowy Plover (threatened); and the 5) Yellow-billed Cuckoo (threatened). USFWS indicated that critical habitat(s) for these species must be reviewed as well. Critical habitat does not exist on the subject property as indicated by the IPaC report issued by the USFWS report (USFWS, 2019). The IPaC Species report is located in [Appendix Q](#).

## 7.0 Interviews

The RES participated in an on-site interview on with the Property Owner on 05/09/2019. This interview occurred at approximately 8:00 a.m. in order to obtain relevant background information related to the 525-171-009-000 parcel(s) and to discuss potential concerns and/or issues not identified and/or clarified during the due diligence analysis of the subject property. The Property Owner provided details and an assessment of the property including distinct features and on-site observations not formally recorded.

The R-EPS received the *Transaction Screen Questionnaire (Owner and Local Government Agency)* as prepared by the Property Owner prior to the 525-171-009-000 parcel(s) site visit on 05/01/2019. Please see [Appendix R](#) for the completed Worksheet.

The RES attempted to hold on-site interviews with the current property owner and other interested parties. The contact description and details are as follows:

Interview Results (525-171-009-000 Parcel(s))				
Landowner/Interested Party	Address	On-site Interview	Off-Site Interview	Result
Hoopa Valley Fisheries Paul Petros	190 Loop Road Hoopa CA 95546	Yes	No	Respondent indicated the finding was a result of a habitat improvement project; that sampling and analysis indicated that the material was in fact asbestos; and that wastewater infrastructure occurs on the subject property as well as on an adjacent property.

The RES participated in a site on-interview on with the Local Government Representative on 05/09/2019 at approximately 11:20 a.m. to debrief regarding the site visit to the 525-171-009-000.

Request(s) for additional information was summarized in a 05/10/2019 email requesting information regarding: "(1) During the site visit, there was an indication that a an active septic field occurs to the west/southwest of the project site; (2) During the site visit, there was a discussion regarding whether or not the fenced area once held an active component (pump station) of the wastewater treatment facility; (3) Based on the discussion(s) we had; there seemed to be some an internal debate regarding the origin(s) of materials used to create the "field of dreams" recreational facility near the "site"; and (4) Along with the potential for 1970-2005 aerial maps; would you please verify the presence/absence of the indicated active septic field, wastewater infrastructure and potentially verify fill material origins"? (BIA-PR Correspondence, 2019)

## 8.0 Site Visit

On 05/09/2019, the RES performed a site visit. The site visit is designed to identify potential and actual environmental concerns on and adjacent to the subject property. The R-EPS arrived at the 525-171-009-000 parcels at approximately 9:45 a.m. on 05/09/2019 in order to evaluate the 525-171-009-000 parcels; it was sunny and 58° Fahrenheit. The RES was accompanied by the Local Government Representative and the Hoopa Valley Fisheries Representative during the site visit. Photographs of the subject property taken during the visit are located in [Appendix M](#).

## 8.1 Site Observation

The 525-171-009-000 parcel consists of a ±15.34 acre lot. The subject property is generally vacant and located directly west of Loop Road in Humboldt County California. Access to the site is via two graveled roadways the first providing access to the Hoopa Valley Elementary School. The northeastern quadrant consists of vegetated areas with intermittent bare areas with scattered tile fragments. This area is bounded by Scale Shack Road and the Field of Dreams (FD) recreational center. The Southeastern quadrant consists of vegetated areas with mechanically disturbed areas throughout and is the general area most of the tile fragments are encountered. This area is bounded by the FD recreational center and the Hoopa Valley Elementary School. The Southwestern quadrant consists of vegetated areas with mechanically disturbed areas throughout and reportedly is the area with the wastewater infrastructure. This area represents the site of the exposed tile area as identified in the Fisheries Memorandum to Hoopa Valley Tribal Council and has tile fragments. This area is bounded by the Hoopa Valley Elementary School and a northern vacant lot that reportedly has an active septic system. The northwestern quadrant of the subject property consists of vegetated areas that is reported to have most of the wastewater infrastructure installed. Tile fragments were not observed in this area during the site visit.

Based on the site visit's observation(s); suspect asbestos tile are/were (1) localized and/or scattered in the southeastern quadrant; (2) scattered in the northeastern quadrant; and (3) scattered in the northwestern quadrant. Based upon these observations, the RES believes REC(s) (hazardous substances) are visibly present as a result of the visual observations recorded during the 525-171-009-000 site visit.

## 8.2 Chemical Storage

Observations were made to evaluate the presence of chemical or petroleum product storage on the 525-171-009-000 parcel(s). Evidence of chemical or petroleum product storage was not observed during the site visit.

## 8.3 Storage Tanks

Observations were made to evaluate the presence of above-ground (AST) or underground (UST) storage tank(s) on the 525-171-009-000 parcel. Evidence of AST/USTs was not observed during the site visit.

## **8.4 Polychlorinated Biphenyls (PCBs)**

Observations were made to evaluate the presence of PCBs or equipment that may contain PCBs on the 525-171-009-000 parcel. Evidence of PCB equipment and/or PCBs was not observed during the site visit.

## **8.5 Evidence of Releases or Potential Releases**

The following were not observed during the site visit:

1. Strong, pungent or noxious odors.
2. Leachate or waste seeps.
3. Exterior pipe discharges.
4. Significant peeling paint.
5. Deteriorating construction material.
6. Stained soil.
7. Stained pavement or similar surface.
8. Surface water discoloration, sheen, free floating materials or odor.
9. Stressed vegetation.

## **8.6 Other Notable Site Features**

The RES did not record any other notable site features during this site visit.

## **9.0 Findings**

A review of records reasonably attainable for the purposes of this assessment, visual observations and stakeholder interviews did identify RECs associated with the 575-171-009-000 property.

Note that this Phase I ESA report partially identifies but does not address other environmental concerns that do not fall within the ASTM's definition of RECs. Examples of other environmental concerns that do not fall under ASTM RECs but may be included in BIA-MRO analysis include:

1. Asbestos-containing materials (ACM) in structure(s);
2. Lead based paint on structures on the property;
3. Wetlands;
4. Regulatory restrictions related to wetlands, aquifer recharge zones, threatened and/or endangered species habitats, or other environmentally sensitive settings; and,
5. Health and safety.

## 10.0 Opinions

### 10.1 Opinion(s) Regarding Findings

The 525-171-009-000 parcel(s), based on available data, has been used as vacant lands since 1965. Therefore, in our opinion, these uses pose a minimal environmental threat and would not be considered a REC on the 525-171-009-000 parcel(s).

The three (3) regulated facilities identified in the My Environment database search are located approximately ½ mile or greater from the subject property. These facilities and/or operations do not have current recorded violation(s) and lack direct access/contaminant pathways to the subject property. Therefore, in our opinion, these listings and/or site(s) pose a minimal environmental threat and would not be considered a REC on the 525-171-009-000 parcel(s).

The one (1) regulated facility identified in the GeoTracker Environmental database search is located approximately 1/8 mile or greater from the subject property. This former LUST site has been effectively remediated and is considered a “closed” site by the CSWRB. Therefore, in our opinion, this site poses a minimal environmental threat and would not be considered a REC on the 525-171-009-000 parcel(s).

The site visit observed tile fragments in the northwestern, southwestern and southeastern quadrants of the subject property are suspected and/or known to possess Chrysotile asbestos as reported by TEM laboratories of Berkeley California. These tile fragment are in-situ and subject to temporary encapsulation to minimize potential fugitive air-borne transport of friable material and the potential exposure of school-aged children at the Hoopa Valley Elementary School. Therefore, in our opinion, these materials are considered a REC related to the presence of an environmental threat and the potential for conditions indicative of a release to the environment.

### 10.2 Data Gaps

Data gaps do not exist that would significantly alter the conclusions and/or recommendations associated with this assessment.

## 11.0 Conclusions

DECRMS developed the 525-171-009-000 parcel(s) Phase I ESA report in conformance and within the scope and limitations of ASTM Practice E 1527-13 for the subject property generally located at Loop Road Hoopa California 95546. Any exception to, or

deletions from, this practice are described in Section 1.0 in this report. The due diligence completed as a part of the ASTM standard and the development of the report revealed evidence that REC(s) exist on the 525-171-009-000 parcel(s). This 525-171-009-000 parcel(s) P1 ESA report remains valid for 180 days pursuant to ASTM 1527-13.

## 12.0 Qualifications

### 12.1 Environmental Professional(s) Statement

[I,We] declare that, to the best of [my, our] professional knowledge and belief, [I, We] meet the definition of Environmental Professional as defined in 40 CFR Part 312.

[I, We] have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property. [I, We] have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

### 12.2 Environmental Professional(s) Signature

#### APPROVAL RECOMMENDED BY:

**FELIX KITTO**

Digitally signed by FELIX KITTO  
Date: 2019.05.23 12:12:37 -07'00'

---

Felix Kitto  
Regional Environmental Scientist  
Pacific Region Office  
Bureau of Indian Affairs

## 13.0 Recommendations

Due to the evidence related to the presence of RECs on the 525-171-009-000 parcel(s) as a result of the due diligence completed as a part of the ASTM standard; the environmental professionals recommend that, at the discretion of the Hoopa Valley Tribe, an ASTM E1903 compliant study be commissioned to determine the nature and extent of suspect asbestos contamination on the subject property and publish the findings in the ASTM E1903 report.

## 14.0 References

- ASTM International. (2011). *Standard Practice of Environmental Site Assessments: Phase II Environmental Site Assessment Process*. West Conshohocken, Pennsylvania. 2011.
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United States Library of Congress. (2019). *Humboldt County-Sanborn Maps*. Geography and Map Reading Room - Geography and Map Division. Retrieved <https://viewer.nationalmap.gov/basic/from>  
<https://www.loc.gov/rr/geogmap/sanborn/index.php>

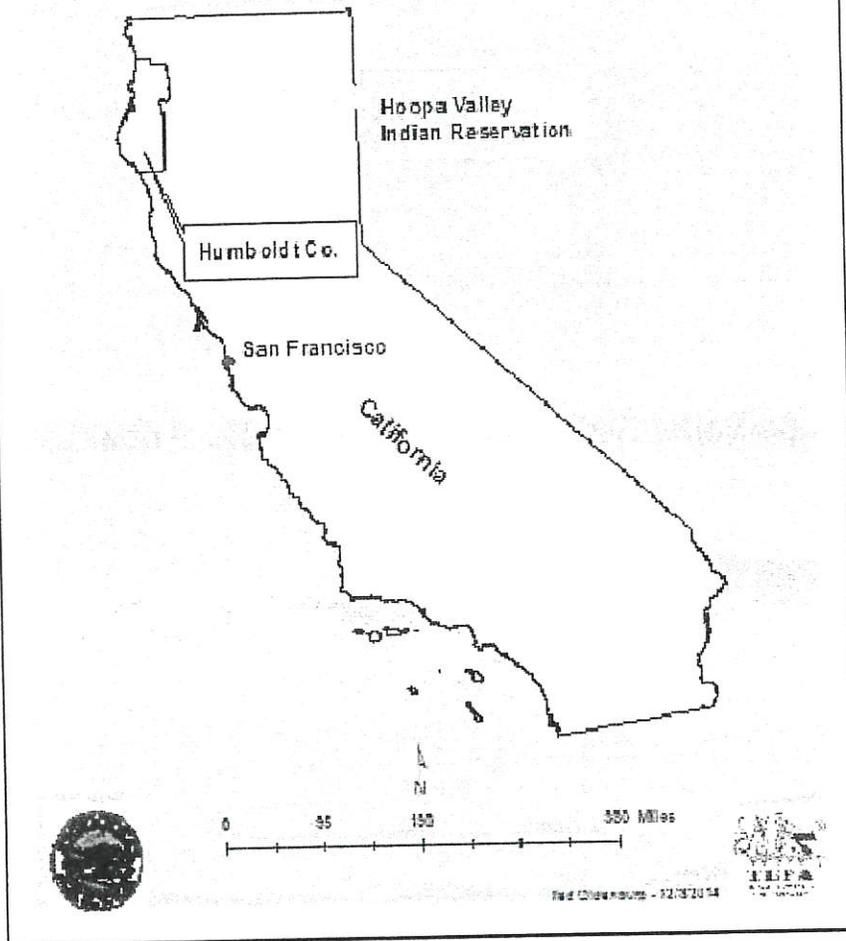
## Appendices

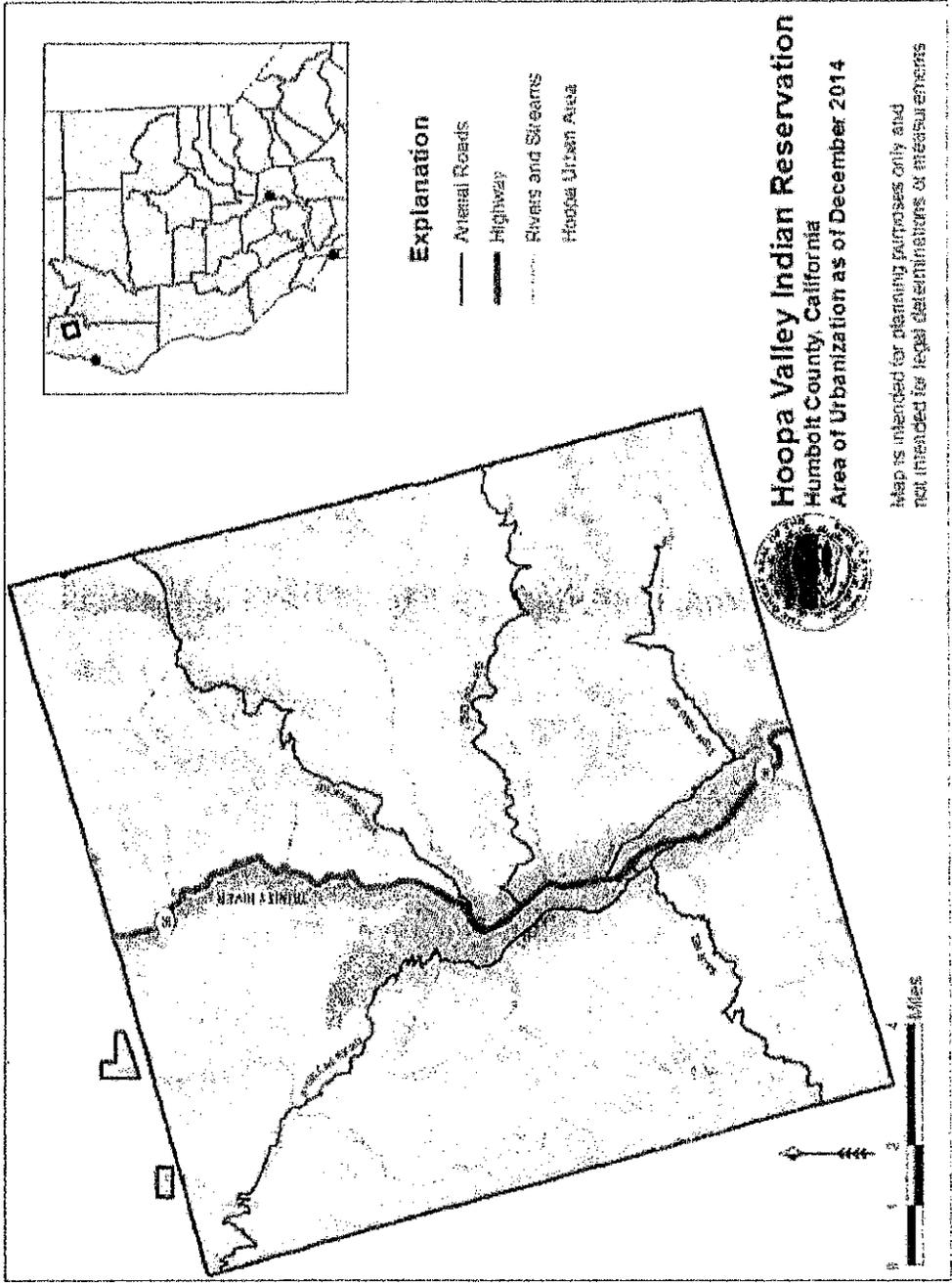
## **Appendix A: Hoopa Valley Tribe Indian Reservation - Tribal Lands Map**

525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
BIA-PR  
May 17, 2019  
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# Hoop Valley Indian Reservation





## **Appendix B: My Environment Report – 525-171-009-000 Parcel**

HOW TO USE THIS PAGE    CONTACT US

Loop Rd, Hoopa, California, 95546

Select a new Location:



The screenshot shows the EPA My Environment web application interface. At the top, there is a navigation bar with icons for Home, Air, Water, Land, and Community. Below this is a toolbar with options: Print, Basemap, Imagery, Measure, Download Data, Grid Map, More Data, and Legend. A 'Print Map' dialog box is open on the left, showing 'Format: PDF', 'Layout: Landscape (map & metadata)', and 'Print Title: My - Asbestos Site'. On the right, a 'Select Map Contents' panel is visible, listing various data layers with checkboxes. The map itself shows an aerial view of the site with several overlays, including a grid and various colored areas representing different environmental data points.

525-171-009-000 Parcel  
Loop Road  
Hoopa California

HV Asbestos Site - My Environment Report

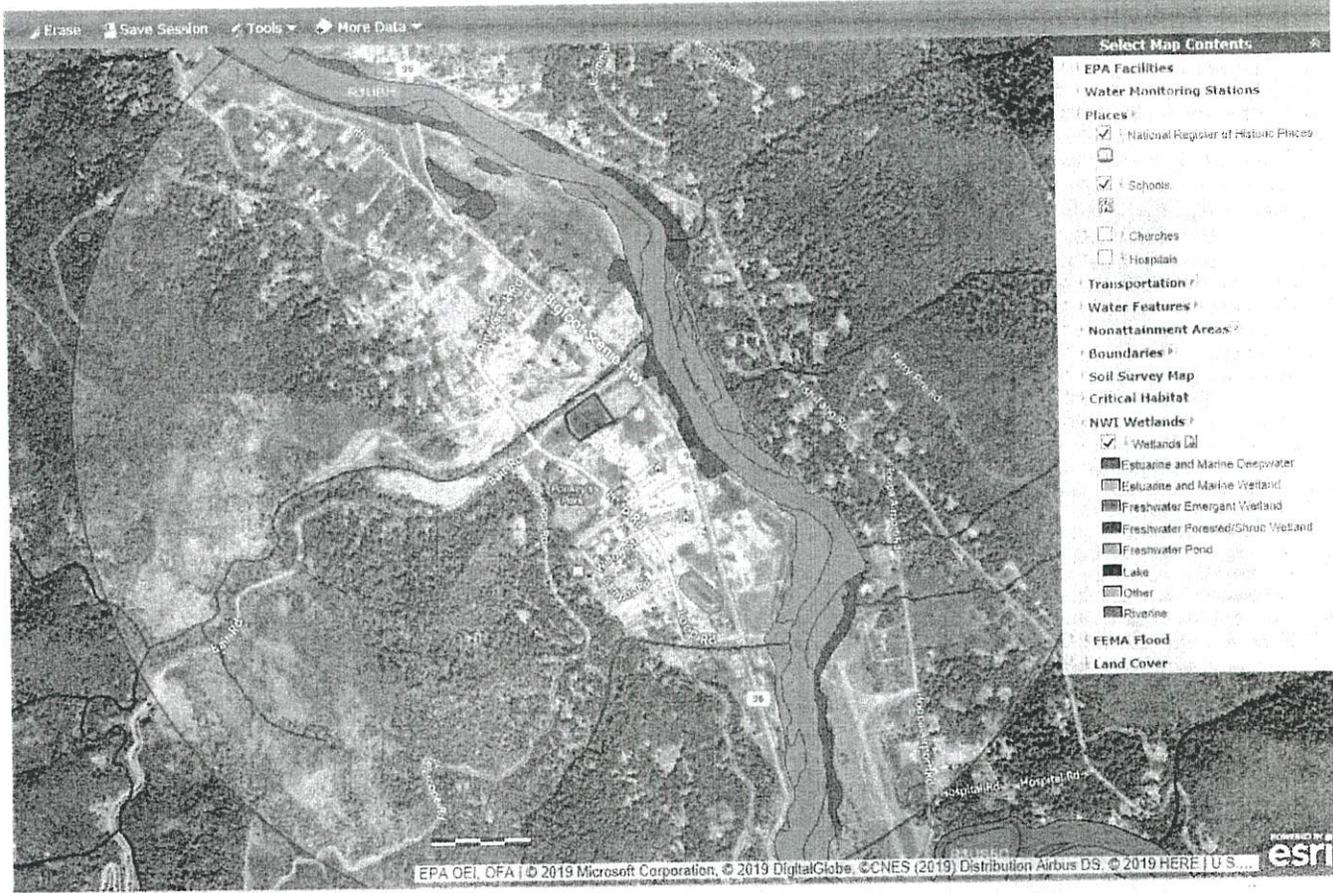
NAME	REG_ID	ADDRESS	CITY	STATE	ZIPCODE	LATITUDE	LONGITUDE
Hoopa Valley Aggregate And Ready Mix	1.1E+11	CA HWY 99 POST MILE 42 87	WILLOW	CA	95573	41.04917	-123.677
Bia Campus Bldg 200	1.1E+11	LOOP RD AND WILLOW ST	HOOPA	CA	95546	41.04846	-123.676
Hoopa High School Football Field	1.1E+11	5 LOOP ROAD	HOOPA	CA	95546	41.04971	-123.676

## NEPAssist Report

Input Coordinates: 41.051181,-123.879793,41.051396,-123.879159,41.051801,-123.879233,41.051957,-123.879512,41.052545,-123.879214,41.051703,-123.877602,41.051501,-123.878128,41.051161,-123.878793

Question	Answer
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	yes
Within 1 mile of an impaired stream?	no
Within 1 mile of an impaired waterbody?	no
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWT wetland?	Available Online
Within 1 mile of a Brownfields site?	yes
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	no
Within 1 mile of a water discharger (NPDES)?	yes
Within 1 mile of a hazardous waste (RCRA) facility?	yes
Within 1 mile of an air emission facility?	no
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	no
Within 1 mile of a designated sole source aquifer?	no
Within 1 mile of a historic property on the National Register of Historic Places?	yes
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a RADInfo site?	no

Created on: 5/8/2019 11:11:40 AM



525-171-009-000 Parcel  
 Loop Road  
 Hoopa California



525-171-009-000 Parcel  
 Loop Road  
 Hoopa California

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[Home](#) >> [Sanborn Maps](#) >> Search Results

Find  in [Geography and Map Pages](#)

## Sanborn Fire Insurance Maps

### Full Text Search Results

Your Search: *Hoopa* in City, County, Subject

Results: 0

0 - 0 of 0

There were no results for this search.

0 - 0 of 0

[Top of Page](#)

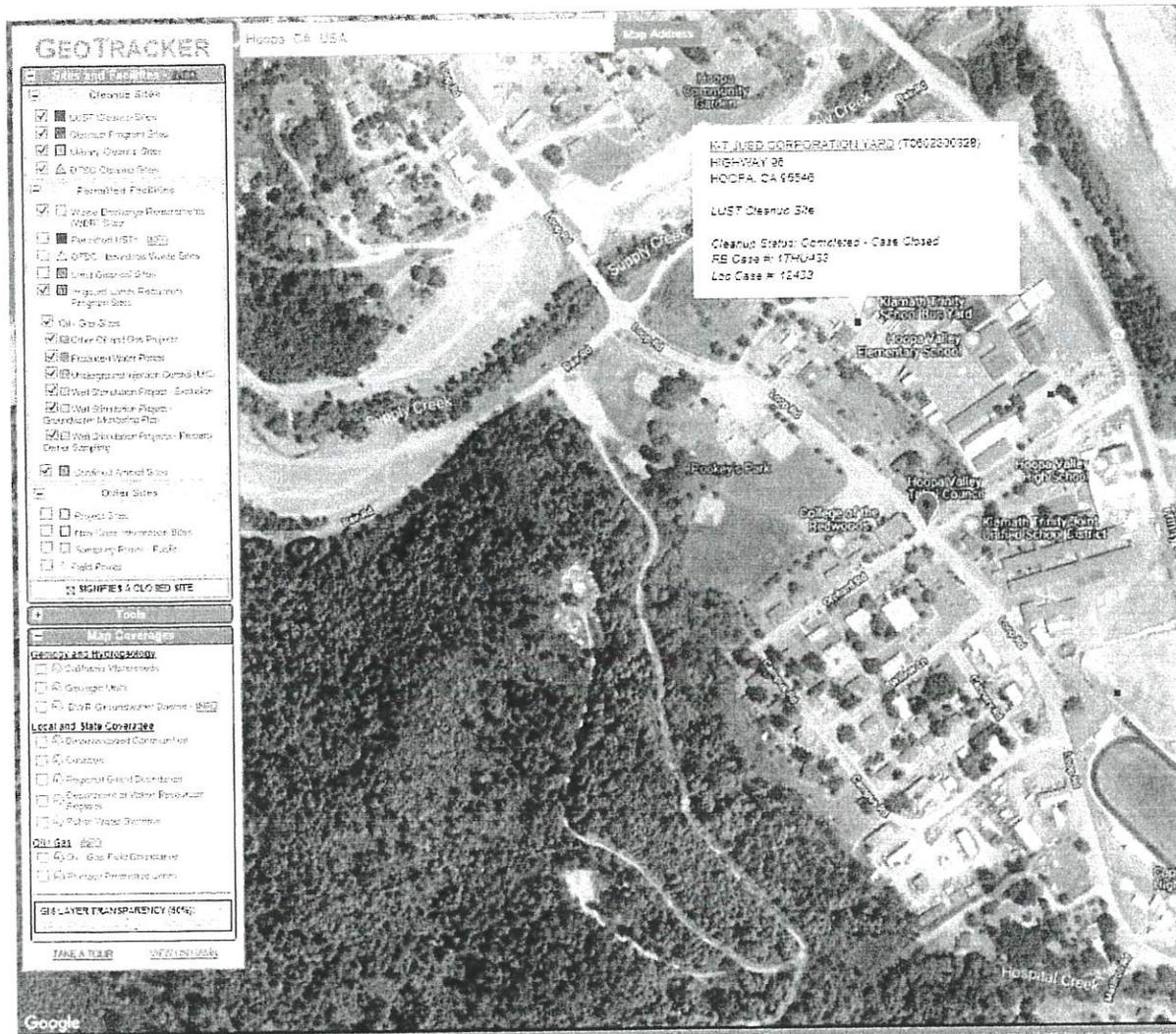
[Home](#) >> [Sanborn Maps](#) >> Search Results

Find  in [Geography and Map Pages](#)

**Appendix C: CA Environmental Report(s) – 525-171-009-000 Parcel**

525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
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525-171-009-000 Parcel  
 Loop Road  
 Hoopa California

**STATE WATER RESOURCES CONTROL BOARD**  
**GEO TRACKER**

<b>CASE SUMMARY</b>		
<u>REPORT DATE</u> 3/16/1993	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>	
<u>I. REPORTED BY -</u> UNKNOWN	<u>CREATED BY</u> UNKNOWN	
<b>III. SITE LOCATION</b>		
<u>FACILITY NAME</u> K-T JUSD CORPORATION YARD	<u>FACILITY ID</u>	
<u>FACILITY ADDRESS</u> HIGHWAY 96 HOOPA, CA 95546 HUMBOLDT COUNTY	<u>ORIENTATION OF SITE TO STREET</u>  <u>CROSS STREET</u>	
<b>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</b>		
DIESEL		
<b>VI. DISCOVERY/ABATEMENT</b>		
<u>DATE DISCHARGE BEGAN</u>		
<u>DATE DISCOVERED</u> 3/16/1993	<u>HOW DISCOVERED</u> Other Means	<u>DESCRIPTION</u>
<u>DATE STOPPED</u> 3/16/1993	<u>STOP METHOD</u>	<u>DESCRIPTION</u>
<b>VII. SOURCE/CAUSE</b>		
<u>SOURCE OF DISCHARGE</u>	<u>CAUSE OF DISCHARGE</u>	
<u>DISCHARGE DESCRIPTION</u>		
<b>VIII. CASE TYPE</b>		
<u>CASE TYPE</u> Soil		
<b>IX. REMEDIAL ACTION</b>		
NO REMEDIAL ACTIONS ENTERED		
<b>X. GENERAL COMMENTS</b>		
<b>XI. CERTIFICATION</b>		
I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.		

**XII. REGULATORY USE ONLY**

LOCAL AGENCY CASE NUMBER

12433

REGIONAL BOARD CASE NUMBER

1THU433

**LOCAL AGENCY**

CONTACT NAME

Mark Verhey

INITIALS

MAV

ORGANIZATION NAME

HUMBOLDT COUNTY LOP

EMAIL ADDRESS

mverhey@co.humboldt.ca.us

ADDRESS

100 H Street, Suite 100  
Eureka, CA 95501-0461

CONTACT DESCRIPTION

PHONE TYPE

MAIN

PHONE NUMBER

(707)-268-2208

EXTENSION

**REGIONAL BOARD**

CONTACT NAME

HUMBOLDT COUNTY LOP CLOSEDZZZ  
SITE

INITIALS

ORGANIZATION NAME

NORTH COAST RWQCB (REGION  
1)

EMAIL ADDRESS

craig.hunt@waterboards.ca.gov

ADDRESS

5550 SKYLANE BOULEVARD, SUITE A  
SANTA ROSA, CA 95403

CONTACT DESCRIPTION

PHONE TYPE

Office

PHONE NUMBER

(707)-576-2220

EXTENSION

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## **Appendix D: ECHO Report – 525-171-009-000 Parcel**



**Appendix E: Envirofacts Report – 525-171-009-000 Parcel**



You are here: [EPA Home](#) > [Emergency](#) > [Search Results](#)

## Search Results



Search Parameters: ZIP Code: 95573  
Location Address: 5 Loop Road  
City Name: Hoopa  
County Name: Humboldt  
State Abbreviation: CA

No Results found.

Total Number of Facilities Retrieved: 0

**Appendix F: Humboldt County Parcel Report – 525-171-009-000  
Parcel**

525-171-009-000 Parcel  
Loop Road  
Hoopa California

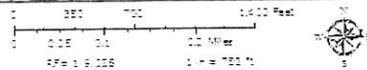
Phase 1 ESA  
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**525171009000**

Humboldt County Planning and Building Department

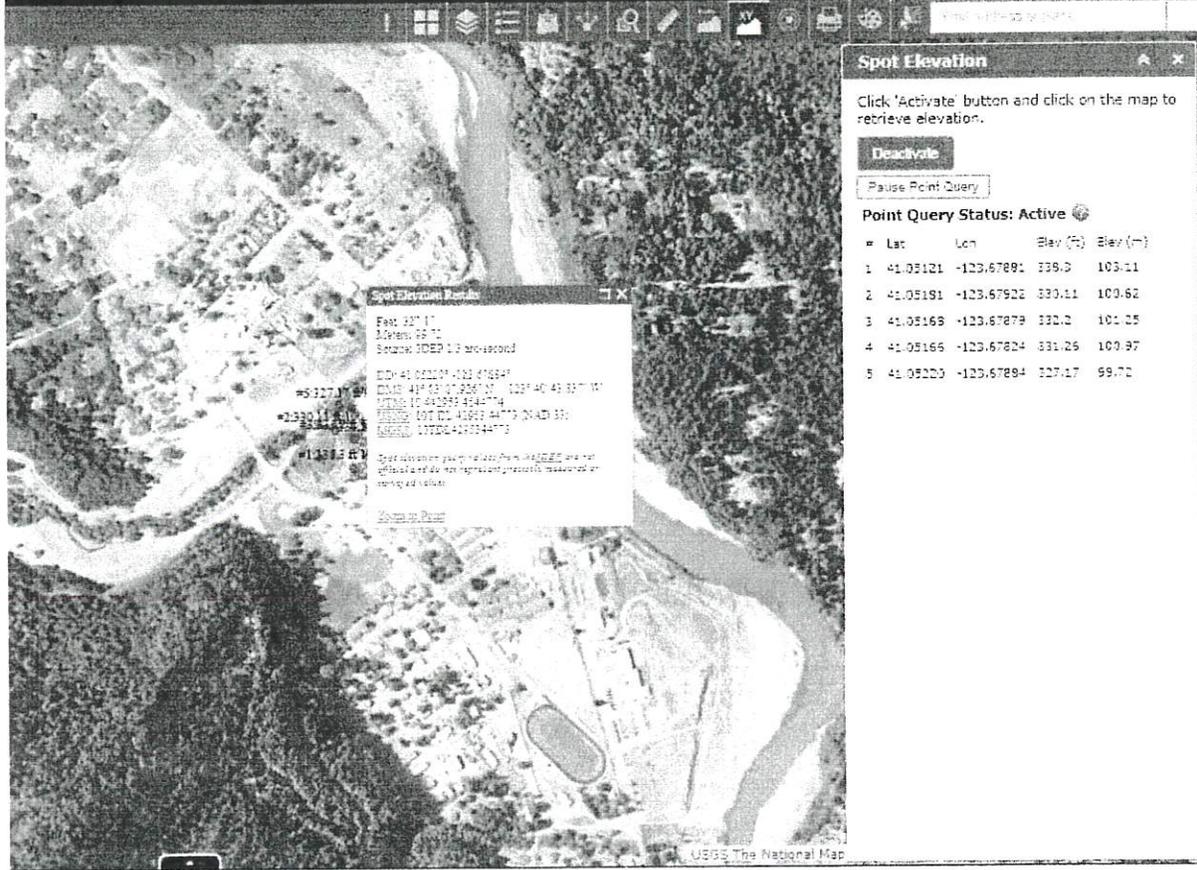
- |                     |                          |                         |
|---------------------|--------------------------|-------------------------|
| Highways and Roads  | Private or Unclassified  | Intermittent            |
| Principal Arterials | Major River or Stream    | Subsurface              |
| Minor Arterials     | <b>Blue Line Streams</b> | City Boundary           |
| Major Collectors    | Perennial 1-3            | Counties                |
| Minor Collectors    | Perennial 4              | Parcels (no APN labels) |
| Local Roads         |                          |                         |



Printed: May 13, 2019 Web AppBuilder 2.0 for ArcGIS  
 Map Disclaimer: While every effort has been made to ensure the accuracy of this information, it should be understood that it does not have the force or effect of law, rule, or regulation. Should any conflict arise between this map and the law, the law shall prevail.  
 Source: Humboldt County GIS, Benji, EPS, Garmin, (c) OpenStreetMap contributors, and the GIS User Community, Source: Benji, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, USGS

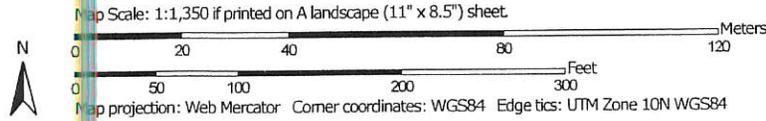
525-171-009-000 Parcel  
 Loop Road  
 Hoopa California

**Appendix G: USGS Elevation Map – 525-171-009-000 Parcel**



**Appendix H: USDA Soil Profile Report – 525-171-009-000 Parcel**

Soil Map - Humboldt and Del Norte Area, California  
(HV - Asbestos Site)



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Humboldt and Del Norte Area, California

Survey Area Data: Version 12, Sep 14, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 21, 2015—Oct 24, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
161	Gencey, 0 to 2 percent slopes	3.5	100.0%
<b>Totals for Area of Interest</b>		<b>3.5</b>	<b>100.0%</b>

## Humboldt and Del Norte Area, California

### 161—Gencey, 0 to 2 percent slopes

#### Map Unit Setting

*National map unit symbol:* rdh0  
*Elevation:* 240 to 640 feet  
*Mean annual precipitation:* 49 to 80 inches  
*Mean annual air temperature:* 59 to 68 degrees F  
*Frost-free period:* 240 to 280 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Gencey and similar soils:* 75 percent  
*Minor components:* 25 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Gencey

##### Setting

*Landform:* Flood-plain steps  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from mixed sources

##### Typical profile

*A - 0 to 4 inches:* loam  
*AC - 4 to 18 inches:* silt loam  
*C1 - 18 to 37 inches:* very stony loam  
*C2 - 37 to 70 inches:* extremely stony sandy loam

##### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Somewhat excessively drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):*  
Moderately high to high (0.60 to 2.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* Occasional  
*Frequency of ponding:* None  
*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water storage in profile:* Low (about 5.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2s  
*Land capability classification (nonirrigated):* 2s  
*Hydrologic Soil Group:* B

*Hydric soil rating:* No

### Minor Components

#### Floaters

*Percent of map unit:* 10 percent  
*Landform:* Flood-plain steps  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Hydric soil rating:* No

#### Soctish

*Percent of map unit:* 5 percent  
*Landform:* Flood-plain steps  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Hydric soil rating:* No

#### Urban land

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

#### Typic udifluvents

*Percent of map unit:* 5 percent  
*Landform:* Meandering channels  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Hydric soil rating:* Yes

## Data Source Information

Soil Survey Area: Humboldt and Del Norte Area, California  
Survey Area Data: Version 12, Sep 14, 2018

**Appendix I: Humboldt County Well Index Report – 525-171-009-000  
Parcel**



ORIGINAL  
File Original, Duplicate and Triplicate with the  
REGIONAL WATER POLLUTION  
CONTROL BOARD No. 1  
(Insert appropriate number)

WATER WELL DRILLERS REPORT  
(Sections 2025, 2027, 2028, Water Code)  
STATE OF CALIFORNIA

Do Not Fill In  
No. 76738  
State Well No. \_\_\_\_\_  
Other Well No. \_\_\_\_\_  
Water Code, Sec. 13767

(2) LOCATION OF WELL:

County Alameda Owner's name, if any \_\_\_\_\_  
T. 2, R. 2, S. 10  
PLANT APPROX. 400' OF  
MARSHALL LANE

(3) TYPE OF WORK (check):

New well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) EQUIPMENT:

Rotary   
Cable   
Dug Well

(6) CASING INSTALLED:

Single  Double   
From 0 to 44 ft. 8 in. 12 in. dia.

If gravel packed

Type and size of steel well casing \_\_\_\_\_  
Special joints all welded joints of GALV.

(7) PERFORATIONS:

Type of perforation and \_\_\_\_\_  
Size of perforation \_\_\_\_\_  
From \_\_\_\_\_ to \_\_\_\_\_ feet, and \_\_\_\_\_

(8) CONSTRUCTION:

Was a casing sealant used?  Yes  No To what depth \_\_\_\_\_ ft.  
Were any struts sealed against perforation?  Yes  No If yes, state depth of struts \_\_\_\_\_  
From \_\_\_\_\_ to \_\_\_\_\_ feet

Method of Sealing PIPE DRIVEN THROUGH CLAY

(9) WATER LEVELS:

Depth at which water was first found \_\_\_\_\_ ft.  
Standing level before perforating \_\_\_\_\_ ft.  
Reading from after perforating \_\_\_\_\_ ft.

(10) WELL TESTS:

(11) WELL LOG:

Top Depth	Bottom Depth	Description of material
0	4	TOP SOIL + S.I.T.
4	20	CLAY
20	28	SAND + GRAVEL
28	36	BOULDERS + GRAVEL
36	40	GRAVEL SAND + BOULDERS
40	44	WATER SAND GRAVEL + BOULDERS

Perforated 8-21 1963. Casing 8-24 1963

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME RICH + JOHNSON  
(Print name of person)

Address Box 2145  
MC KINLEYVILLE CALIF  
(Print address)

## Appendix J: EPA Watershed Report – 525-171-009-000 Parcel

## HU Name: Supply Creek

### Parent Watershed

Scale: HUC 10

• Horse Lake Creek-Timber River

#### Regional Information

Code: 180102111208

Scale: HUC 12

HU Type: S

#### Physical Attributes

Area: 42 km<sup>2</sup>

Area: 10,306 acres

State(s): CA







525-171-009-000 Parcel  
 Loop Road  
 Hoopa California

**Appendix K: Owner, Agency and APO Interview Reports – 525-171-009-000 Parcel**

**Transaction Screen Questionnaire (Owner and Local Government (Gov't ) Agency)**

Date	May 1, 2019
Site Address	521 Loop Road Hoopa California 95546
Property Name	Hoopa Valley Elementary School
Site Description	Vacant lot near the Hoopa Valley Elementary School and soccer field along Highway 96.

Question	Owner		Local Gov't Official		Local Gov't Official		Describe if yes.
	Yes	No	Yes	No	Yes	No	

**Industrial Site Use (Current and Past)**

Is the property currently used for an industrial use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is any adjoining property used for an industrial use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or have prior knowledge that the property has been used for an industrial use in the past?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Illegal disposal of industrial waste, construction waste

**RCRA/TSCA - Hazardous Substances and Petroleum Products**

Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is the any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Adjoining property is a school with a bus garage and maintenance shop.
Did you observe evidence or do you have any prior knowledge that the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question	Owner		Local Gov't Official		Local Gov't Official		Describe if yes.
	Yes	No	Yes	No	Yes	No	
Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containings of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containings of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>RCRA/CERCLA - Soil Condition (Fill and Staining)</b>							
Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question	Owner		Local Gov't Official		Local Gov't Official		Describe if yes.
	Yes	No	Yes	No	Yes	No	
Did you observe evidence or do you have any prior knowledge that there has been previously any stained soil on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there currently any stained soil on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there currently any pits, ponds, lagoons located on the property in connection with waste treatment or waste disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that there have been previously any pits, ponds, lagoons located on the property in connection with waste treatment or waste disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**RCRA/CERCLA/OPA - Storage Tanks (Underground and Above-ground)**

Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that there have been previously any registered or unregistered storage tanks (above or underground) located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that there have been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question	Owner		Local Gov't Official		Local Gov't Official		Describe if yes.
	Yes	No	Yes	No	Yes	No	
<b>RCRA/CERCLA/TSCA/CAA - Structures</b>							
Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>SDWA - Drinking Water Systems (Public and Private)</b>							
Is the property served by a public water system and does the Agency responsible for the water system routinely monitor and report facility/water quality data to its users?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>CWA - Sanitary Sewer Systems (Septic or Public Wastewater)</b>							
Is there a septic tank and/or system that is known to occur on the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sewage system that never became operational, infrastructure is still in place
Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question	Owner		Local Gov't Official;		Local Gov't Official		Describe if yes.
	Yes	No	Yes	No	Yes	No	
Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**CERCLA - Environmental Liens, Activity Use Limitations and Violations**

Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Has the owner or occupant of the property been informed of the current existence of environmental violations and/or activity use limitation with respect to the property or any facility located on the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The owner is the Hoopa Valley Tribe, the Tribe is informed of the current status as under environmental review for illegal disposal of asbestos containing materials.

**602 DM 2 - Previous Environmental Studies**

Does the owner or occupant of the property have any knowledge of any environmental site assessment(s) of the property or facility that indicated the presence of hazardous substances or petroleum product on, or contamination of, the property or recommended further assessment of the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Hoopa Tribe is aware of the current planned environmental assessments.
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**Legal and Administrative Actions**

Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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Question	Owner		Local Gov't Agency		Local Gov't Agency		Describe if yes/Other Information.
	Yes	No	Yes	No	Yes	No	
<b>ESA/NHPA/CWA - Endangered Species, Cultural-Historical Resources, and Sensitive Sites</b>							
Are there proposed, threatened and/or endangered species as listed by the US Fish and Wildlife Services that may be present within the property boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there cultural and/or historical sites that may occur within the property boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there wetland(s) and or other environmentally sensitive sites that may occur within the property boundaries?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proximity of the property boundaries are adjoined with school grounds and sensitive sub groups of people.

**Current Site and Adjacent properties Observations**

What is the current use of the property?	Vacant. The property was part of a restoration project under the Hoopa Tribal Fishies to reroute and access road away from the stream that runs along the road.
What is the adjacent use of the property that is directly North of the subject property?	Access road and Supply Creek stream
What is the adjacent use of the property that is directly East of the subject property?	Soccer Field
What is the adjacent use of the property that is directly South of the subject property?	Klamath-Trinity Joint Unified School District Hoopa Elementary School and Bus Garage
What is the adjacent use of the property that is directly West of the subject property?	Loop Road and public Pookies Park/ playground and baseball fields
<b>Page 6</b>	

## GOVERNMENT RECORDS/HISTORICAL SOURCES SEARCH

Please identify any federal, tribal, state and/or local record systems that list the property or any property within the approximate search distance as noted below:

Data Set	Minimum Search Distance	YES	NO
Federal NPL Site List	1.0 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Delisted NPL Site List	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal CERCLIS list	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal CERCLIS/NFRAP site list	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA CORRACTS facilities list	1.0 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal non-RCRA CORRACTS facilities	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA generators list	Property and adjoining properties	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal institutional control/engineering control registries	Property only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal ERNS list	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>

State and tribal lists of hazardous waste sites identified for investigation or remediation:

Tribal and State equivalent (TS-e) NPL	1.0 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TS-e CERCLIS	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TS-e landfill and/or solid waste disposal site lists	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TS-e leaking storage tank lists	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TS-e registered storage tank lists	Property and adjoining properties	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TS-e institutional control/engineering control registries	Property only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TS-e voluntary clean-up sites	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ts-e Brownfield sites	0.5 miles	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Are there buildings or improvements on the property and/or adjacent properties that have been used for industrial use that may have contributed contamination on the property?

<input type="checkbox"/>	<input checked="" type="checkbox"/>
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If yes, please describe type of industrial use that has occurred on the property:

Notes:

Data maybe obtained from:

US EPA

<https://nepassisttool.epa.gov/nepassist/nepa/map.aspx>

USEPA

<https://www3.epa.gov/myem/envmap/find.html>

State of California

<https://calepa.ca.gov/database-and-directories/>

US Fish and Wildlife

<https://ecos.fws.gov/ipac/>

The Owner Questionnaire was completed by :

Name:	Ken Norton
Title:	Director
Company:	Hoopa Valley Tribe
Address:	12 Cannery Rd Hoopa CA 95546
Telephone:	(530) 625-5515
Email:	kenpnorton@gmail.com
Date:	

The Local Gov't Agency Questionnaire was completed by:

Name:	Tonya Lindsey, Environmental Planner
Address:	12 Cannery Rd Hoopa CA 95546
Telephone:	530.625.5515
Email:	hvtepa@gmail.com
Date:	

The Local Gov't Agency Questionnaire was completed by:

Name:	Amos Pole
Title:	Water Quality Specialist
Company:	Hoopa Valley Tribe
Address:	12 Cannery Rd Hoopa CA 95546
Telephone:	530.625.5515
Email:	amos@hoopa-nsn.gov
Date:	

Notes:

**Appendix L: Site Visit Survey Report(s) – 525-171-009-000 Parcel**

525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
BIA-PR  
May 17, 2019  
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Site Visit Questionnaire (BIA Field Personnel)

Form adapted from E1528-14

Date	
Start Time	8:00 am
Site Address	521 Loop Road Hoopa California 95546
Site Description	Vacant lot near the Hoopa Valley Elementary School and soccer field along Highway 96.

Question	BIA Field Personnel		Field Notes (if applicable)
	Yes	No	
Is the property used for an industrial use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is any adjoining property used for an industrial use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility in an adjacent property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hoopa Valley Elementary Schools has several outbuildings on site. One is reported as a maintenance facility for the school's bus fleet.

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Question	BIA Field Personnel		Field Notes (if applicable)
	Yes	No	
Did you observe any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containings of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence that fill dirt has been brought onto and/or stored at the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fill potentially used to create "field of dreams" recreational facility.
Did you observe any pits, ponds, lagoons located on the property in connection with waste treatment or waste disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The adjacent property has a pole-mounted transformer. Did not observe visible signs of leakage.
Did you observe any stained soil on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question	BIA Field Personnel		Field notes (if applicable)
	Yes	No	
Did you observe any registered or unregistered storage tanks (above or underground) located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe a private well on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe a septic system on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None observed, however an active site on the adjacent parcel has been reported but not verified.
Did you observe any external out buildings on the property other than the residential structure (if applicable).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question	BIA Field Personnel		Field notes (if applicable)
	Yes	No	
Has the property and/or property owner been subject to an Institutional Control (i.e. Activity and Use Limitation)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Has the property and/or property owner been cited by a regulatory agency for noncompliance with environmental regulations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Has the property been subject to an environmental site assessment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This evaluation represents the initial site assessment for this subject property.
Did the environmental site assessment find the presence of hazardous substances or petroleum product(s) on, or contamination of, the property and/or recommend further assessment (i.e. Phase II ESA) of the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Based on on-site observations and a laboratory report, BIA will recommend that Hoopa Valley commission additional assessments.
Does the property discharge wastewater (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chrysotile asbestos tile confirmed by TEM Laboratories, Berkeley CA.

Question	BIA Field Personnel		Field notes (if applicable)
	Yes	No	
Did you observe a private cemetery on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there federally-listed species known to occur on or near to the subject property? If so please list.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None observed.
Did you observe an riparian zones, wetlands and/or other sensitive areas on the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Supply Creek situated north of the subject property and Hoopa Valley Elementary Schools situated to the south of the subject property.

What is the current use of the property?	Vacant
What is the adjacent use of the property that is directly North of the subject property?	Riparian zone, Scale Shack Road
What is the adjacent use of the property that is directly East of the subject property?	Recreational facility, Highway96
What is the adjacent use of the property that is directly South of the subject property?	Hoopa Valley Elementary Schools
What is the adjacent use of the property that is directly West of the subject property?	Vacant parcel, Loop Road

The BIA Site Visit Questionnaire was completed by :

Name:	Felix Kitto
Title:	Director
Company:	Bureau of Indian Affairs
Address:	2800 Cottage Way Sacramento CA 95825
Telephone:	916-978-6051
Email:	felix.kitto@bia.gov
Date:	May 9, 2019

Notes:	
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Site Visit End Time	10:30 am
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Accompanying Personnel	Tonya Lindsey, Environmental Planner, Hoopa Valley Tribe Paul Petros, Hoopa Fisheries Biologist, Hoopa Valley Tribe
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## Appendix M: Site Visit Photographs – 525-171-009-000 Parcel



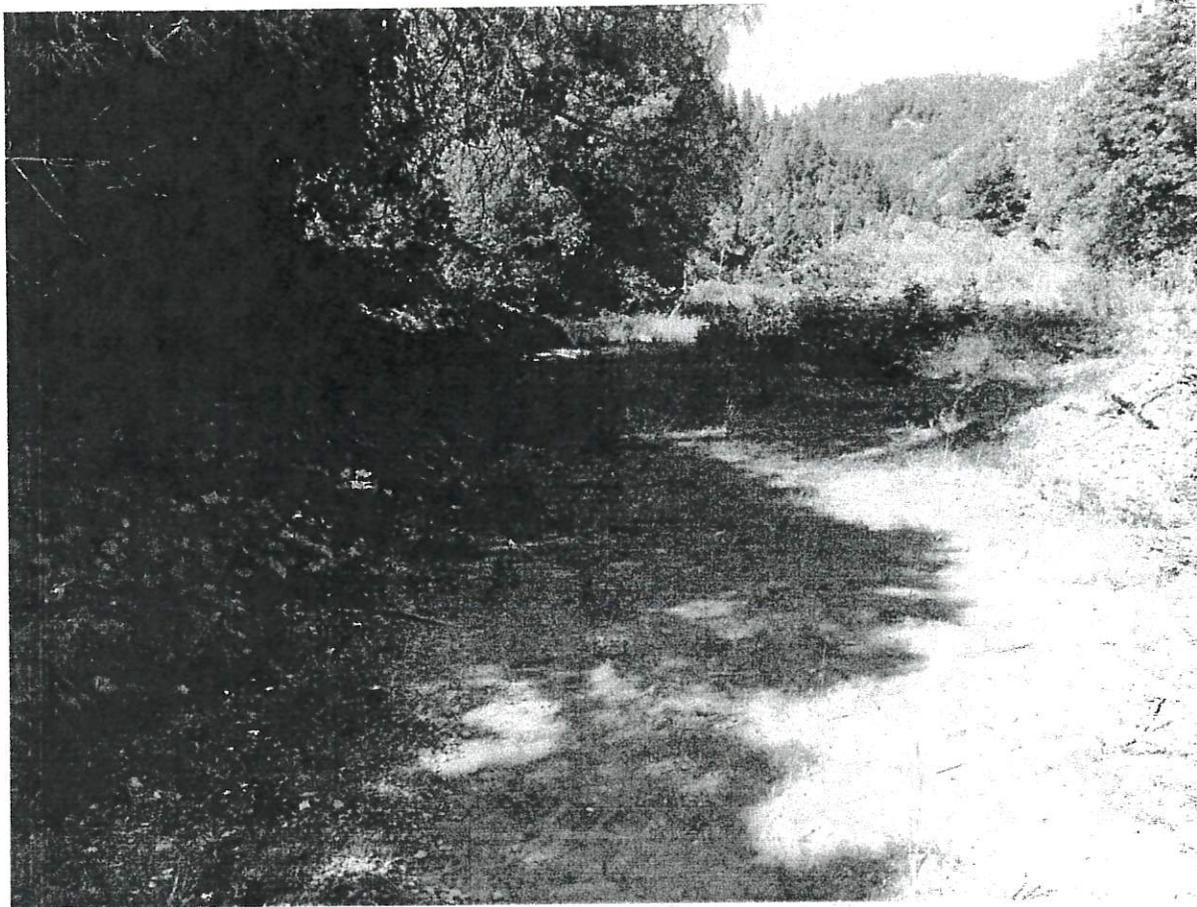
**Photo #001: Northwestern Quadrant**



**Photo #002: Tile Fragment in Northwestern Quadrant**



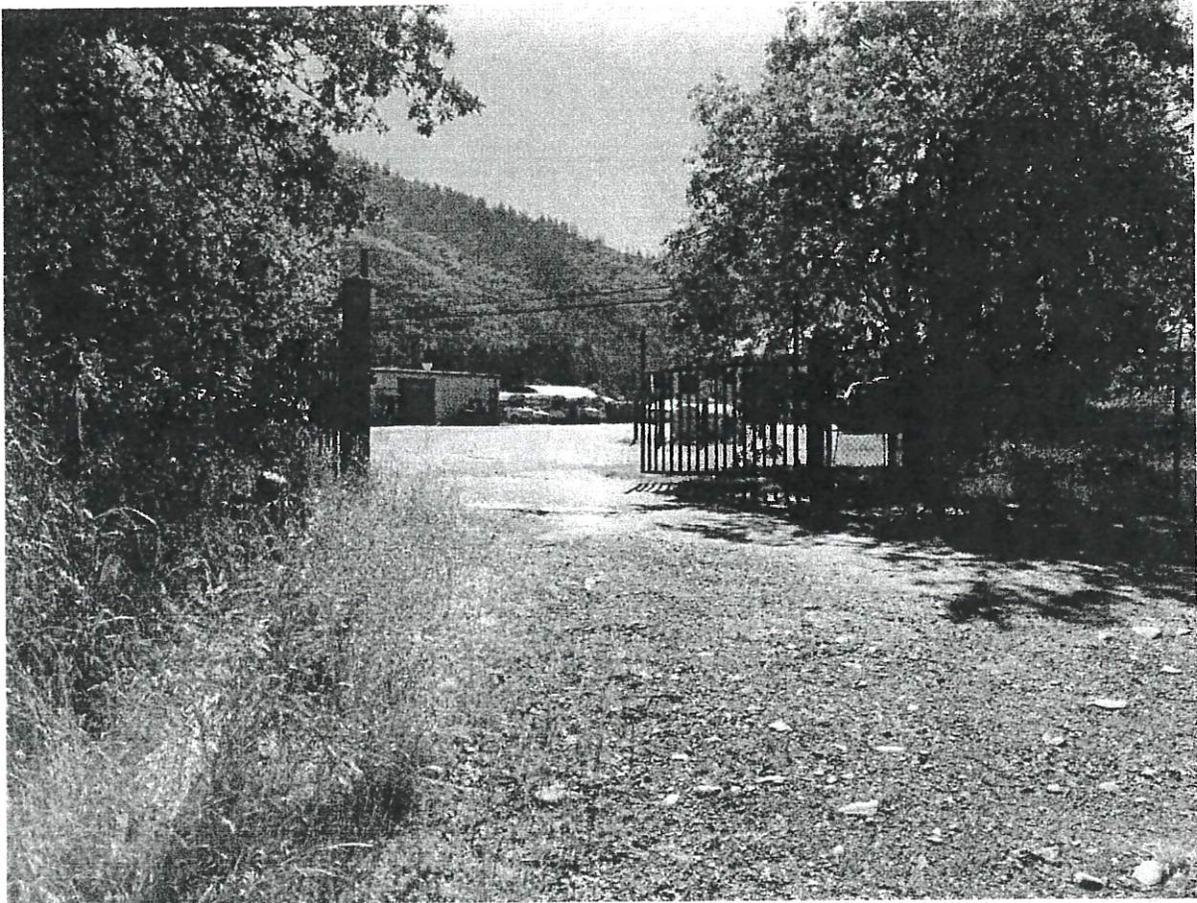
**Photo #003: Northwestern Quadrant Treeline**



**Photo #004: Mechanical Excavation Site – Southeastern Quadrant**



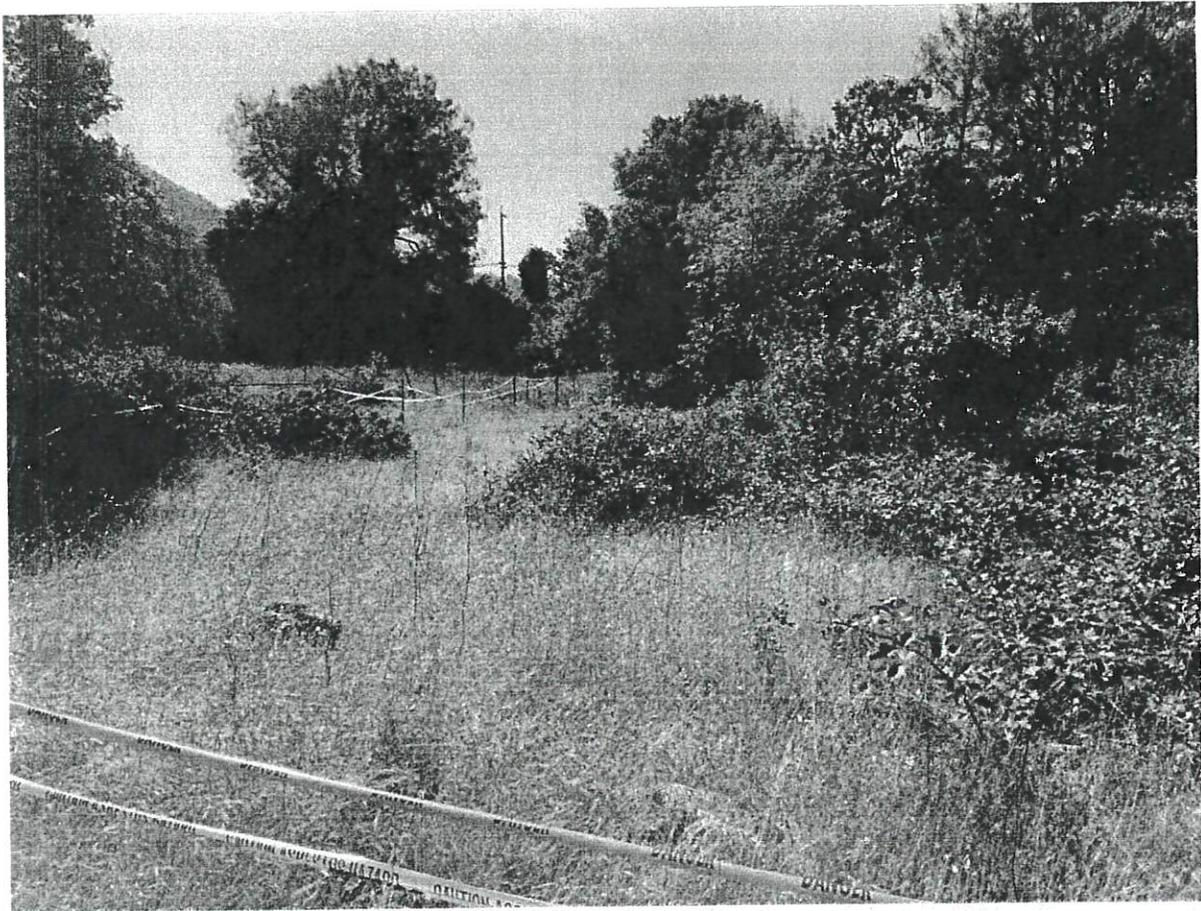
**Photo #005: Partially Unearthed Tile(s) Southeastern Quadrant**



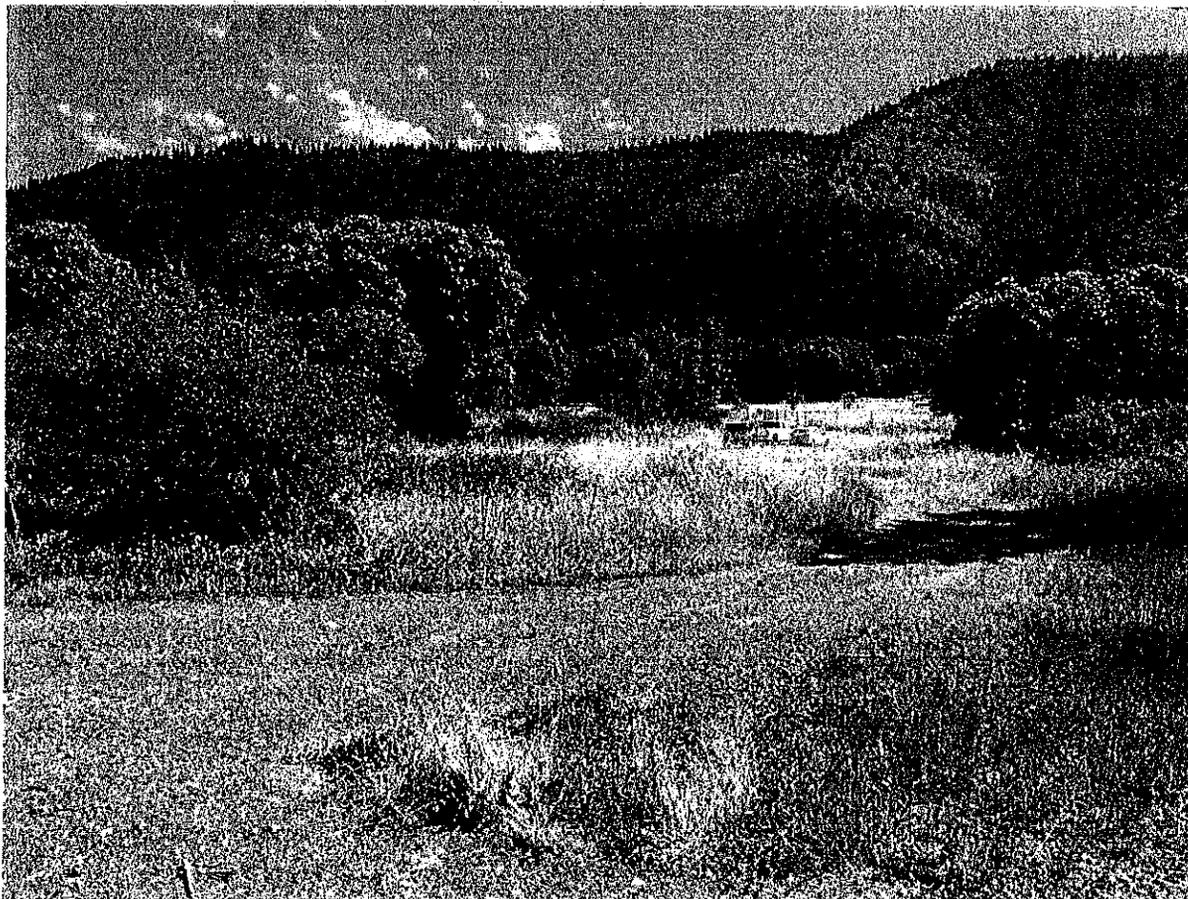
**Photo #006: Bus Maintenance Facility – Adjacent Property**



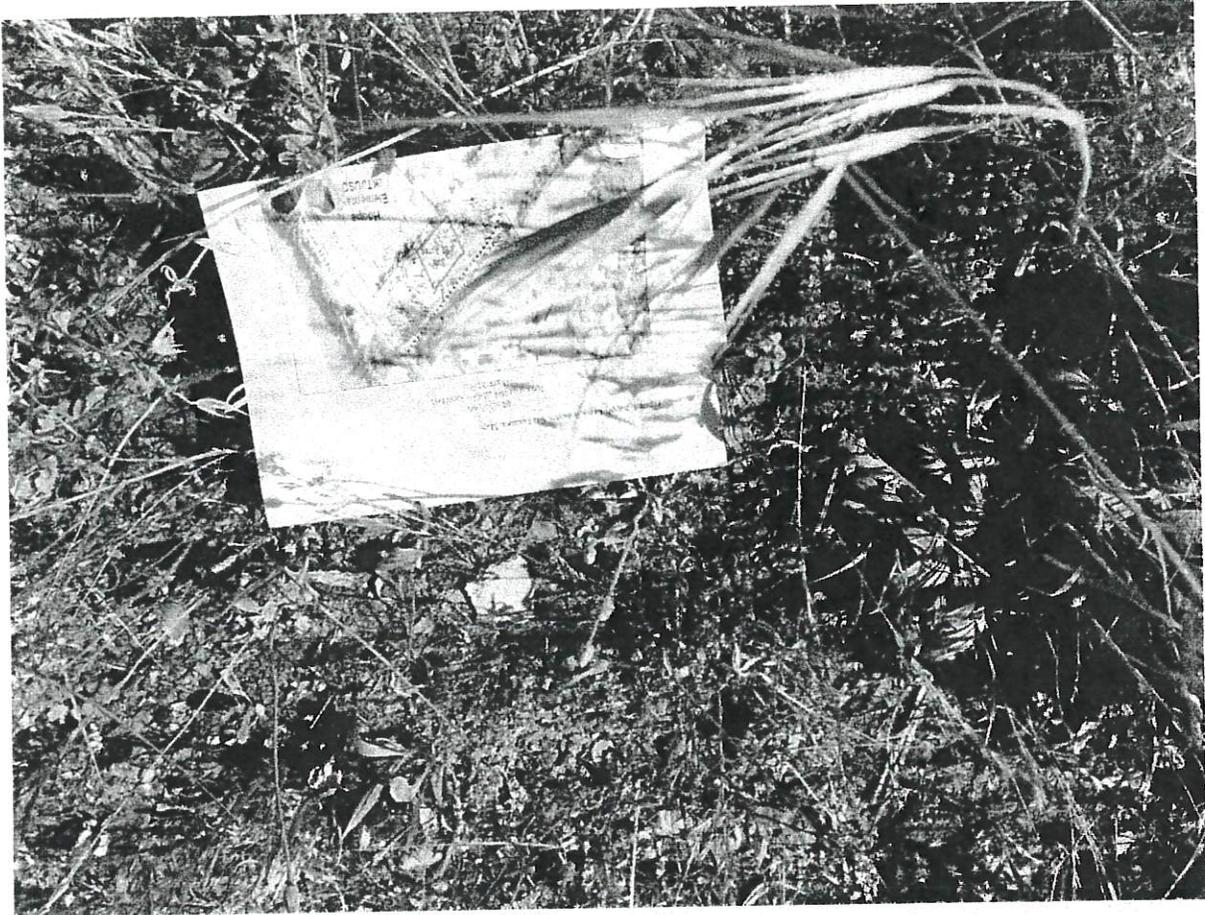
**Photo #007: Unimproved Road – Eastern Property Boundary**



**Photo #008: Reported Wastewater Infrastructure Area**



**Photo #009: Unimproved Roadway in Northwestern Quadrant**



**Photo #010: Tile Fragment in Northeastern Quadrant**



**Photo #011: Tile Fragment in Northeastern Quadrant**

## Appendix N: Environmental Professional(s) Qualifications

# FELIX F. KITTO

FELIX.F.KITTO@BIA.GOV

PH: 970-4051

LINKEDIN.COM IN/FELIX\_KITTO-AAA91132

## TRIBAL ADMINISTRATION AND SERVICES MANAGER

*Elected Leader • Tribal Program Management • ASTM Environmental Compliance.*

Executive Direction & Leadership  
Staffing Planning & Management  
Financial Planning & Management  
Vendor Relations & Negotiations

Environmental Compliance Review  
Tribal/State/Federal Leadership Coordination  
Federal/Tribal Agency Delegation(s)  
Employee Training and Development

### PROFESSIONAL EXPERIENCE

#### Bureau of Indian Affairs

2014–Present

*Supervisor: Regional Director, Pacific Region-BIA*

Supervisory Environmental Protection Specialist (GS-0101-14), Sacramento CA 01/2019 - Present  
Supervisory Environmental Protection Specialist (GS-14 Detail), Bloomington MN NTE 90 Days  
Supervisory Environmental Protection Specialist (GS-14 Detail), Bloomington MN NTE 120 Days  
Supervisory Environmental Protection Specialist (GS-14 Detail), Bloomington MN NTE 60 Days  
Environmental Protection Specialist (GS-0028-13), Bloomington MN 2016 - 2019  
Environmental Protection Specialist (GS-0028-12), Bloomington MN 2015-2016  
Environmental Protection Specialist (GS-0028-11), Riverside CA 2014-2015

Notable achievements:

- Environmental Professional Designation – Midwest Region.
- Environmental Management System – Southern California Agency.

#### Santee Sioux Nation

1997–2014

*Supervisor: Chairman Trudell*

Environmental Director, Santee NE 2005–2014  
Bazile Creek Representative, Santee Sioux Nation, Santee NE 2007-2011  
Environmental Specialist, Santee NE 1997-2005

- Line official in charge of daily operations of the Environmental Office.
- Coordination with tribal and state elected officials to achieve Tribally-driven goals.
- Prepare short-term and long-term plans, annual reports, budget and assessment reports.
- EP monitored ASTM 1527-05 & 1528-06 compliant property evaluations.

### EDUCATION

Masters of Science, Administration of Justice and Security Programs, 2011 • University of Phoenix

Bachelor of Science, Public Administration, 2010 • University of Phoenix

### TECHNOLOGY SKILLS

Proficient in Microsoft Office, WebBP, TAAMS, Quicktime, Concur, ArcGIS, Google Earth.

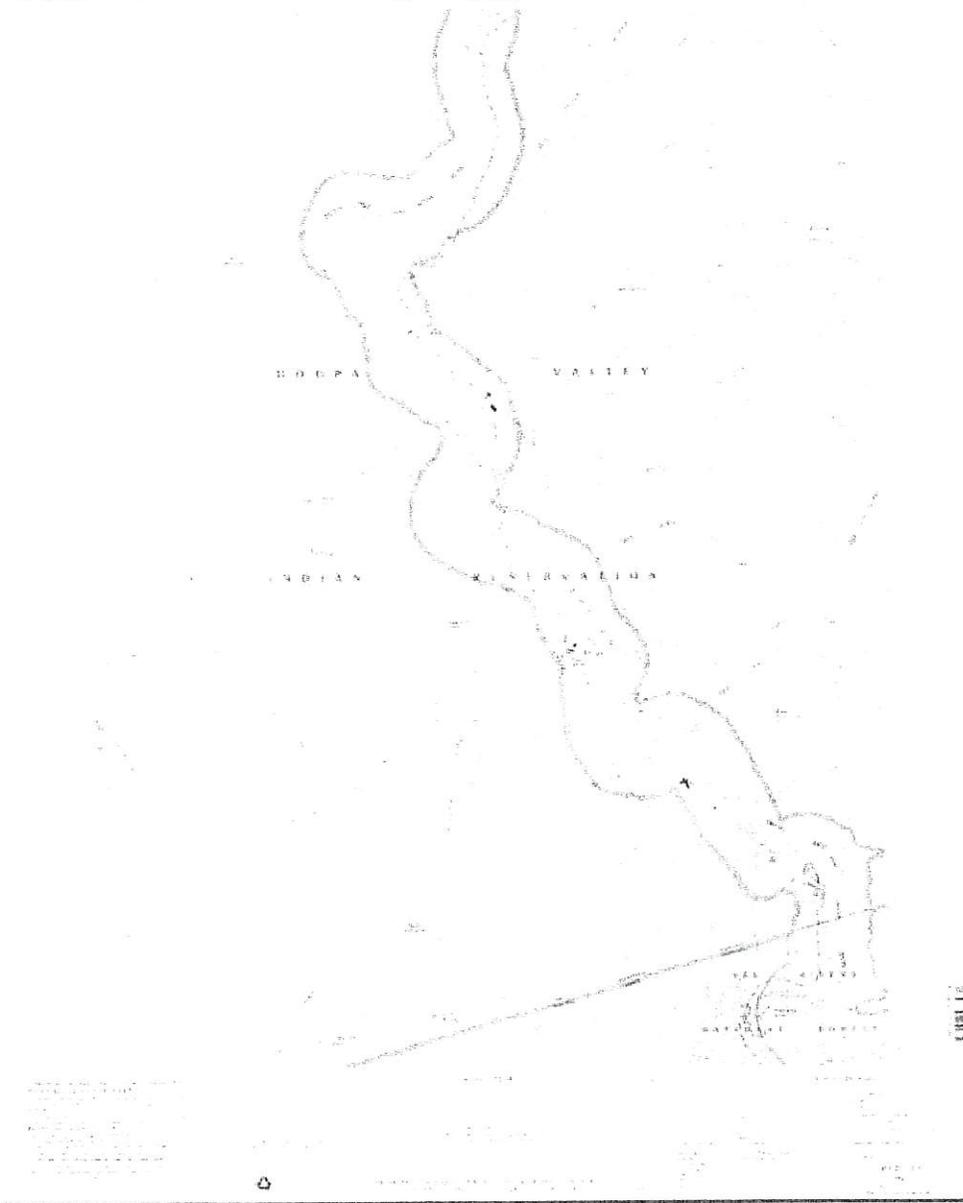
**Appendix O: Topographic Maps – 525-171-009-000 Parcel**



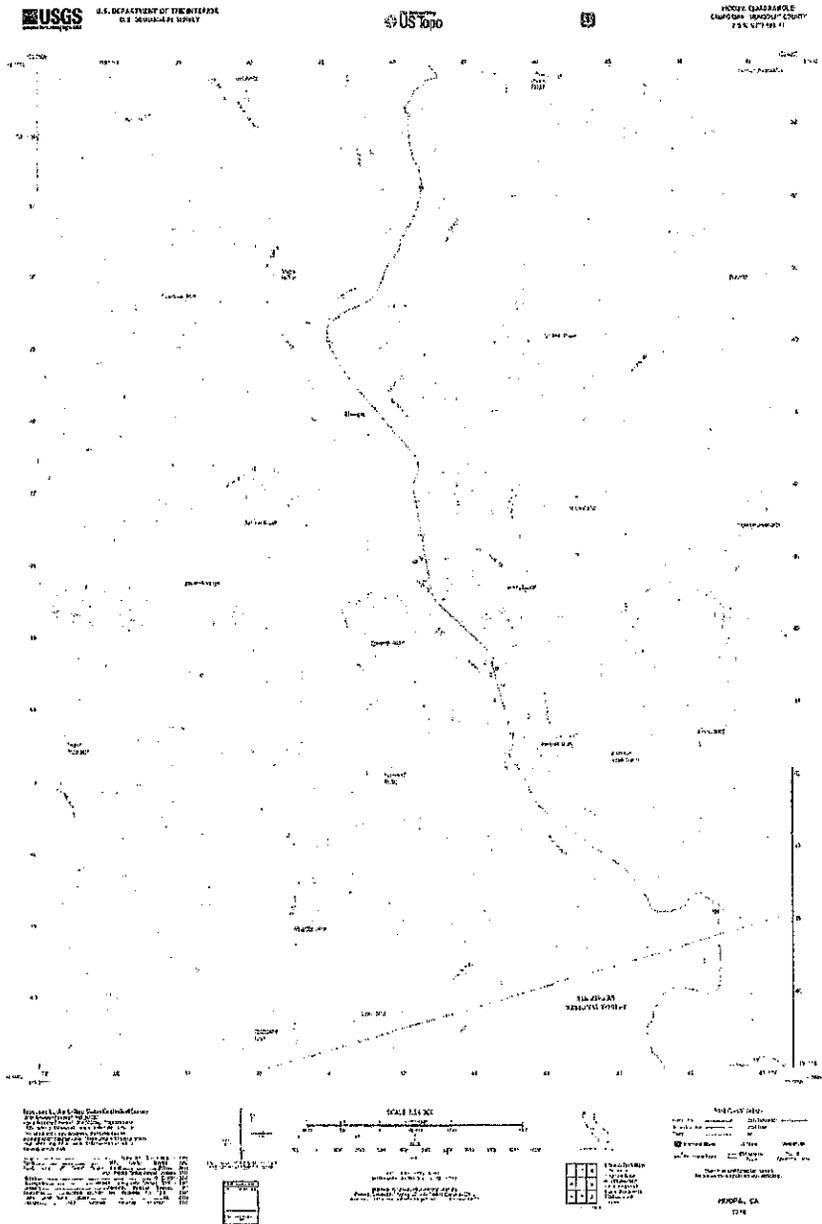
1979

525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
BIA-PR  
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1997

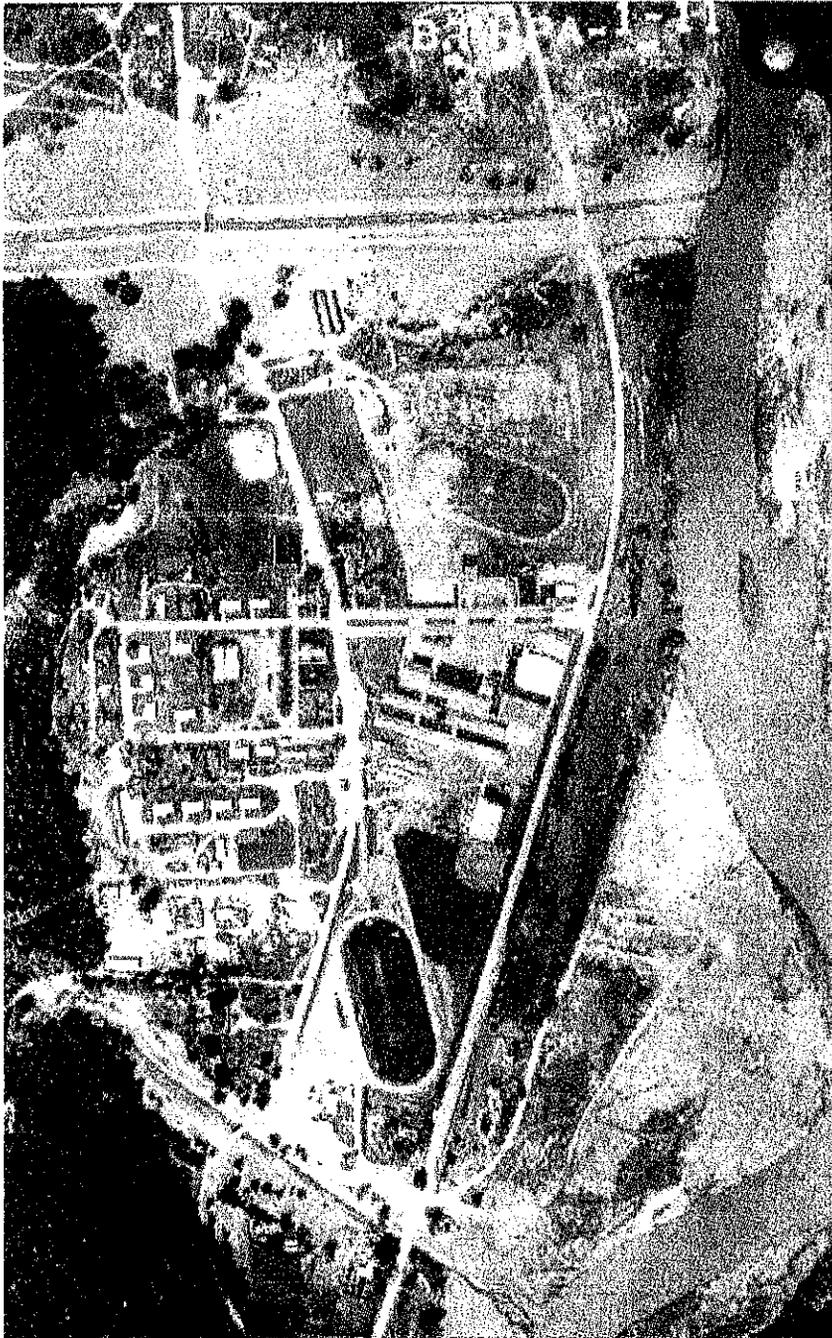


2018

525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
BIA-PR  
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**Appendix P: Aerial Photographs – 525-171-009-000 Parcel**



1965

525-171-009-000 Parcel  
Loop Road  
Hoopa California

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1972



1982

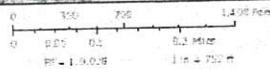
525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
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**ArcGIS Web Map**  
Humboldt County Planning and Building Department

- |                     |                         |                         |
|---------------------|-------------------------|-------------------------|
| Highways and Roads  | Private or Unclassified | Intermittent            |
| Principal Arterials | Major River or Stream   | Subsurface              |
| Minor Arterials     | Blue Line Streams       | City Boundary           |
| Major Collectors    | Perennial 1-2           | Counties                |
| Minor Collectors    | Perennial 3-4           | Parcels (no APN labels) |
| Local Roads         |                         |                         |



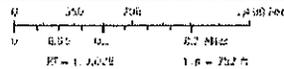
Printed: May 5, 2019 Web AppBuilder 2.0 for ArcGIS  
 Map Disclaimer: While every effort has been made to assure the accuracy of this information, it should be understood that it does not have the force & effect of law, rule, or regulation. Should any difference or ambiguity in the law will have precedence.  
 Source: Humboldt County GIS, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, DeLorme, GeoEye, (c) Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, and the GIS user community, USDA

2004

525-171-009-000 Parcel  
 Loop Road  
 Hoopa California



**ArcGIS Web Map**  
Humboldt County Planning and Building Department



- Highways and Roads
- Principal Arterials
  - Minor Arterials
  - Major Collectors
  - Minor Collectors
  - Local Roads
- Private or Unclassified  
 Major River or Stream  
 Blue Line Streams  
 Perennial 1-3  
 Perennial 4
- Intermittent  
 Subsurface  
 City Boundary  
 Counties  
 Parcels and APN labels

Printed: May 6, 2019 Web App: Layer 20 for ArcGIS Map Explorer

While every effort has been made to ensure the accuracy of this information, it should be understood that it does not have the force or effect of law, rule, or regulation, should not be relied upon for any legal or other action, and does not constitute a warranty.

Source: Humboldt County GIS, Esri, HERE, Garmin, US Department of Map Contractors, and the GIS user community, Swire, Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS user community, 2018.

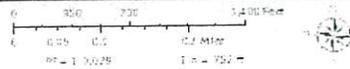
2005

525-171-009-000 Parcel  
Loop Road  
Hoopa California

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**2009**  
Humboldt County Planning and Building Department



Printed: May 8, 2019 Web Application 2.0 for ArcGIS

Map Disclaimer:  
This is an aerial photograph used to display the accuracy of this information. It should be used as a guide only. It does not have the force of law. Use, in particular, should any difference of interpretation the law will have precedence.

Source: Humboldt County GIS Data, HGIS, Geomatics, Inc. (2008) and May 2009 aerial photography. © 2009 Esri, Inc. All rights reserved. Humboldt County GIS Data, HGIS, Geomatics, Inc. (2008) and May 2009 aerial photography. © 2009 Esri, Inc. All rights reserved.

- Highways and Roads:
  - Private or Unclassified
  - Intermittent
- Principal Arterials:
  - Major River or Stream
  - Subsurface
- Minor Arterials:
  - Blue Line Streams
  - City Boundary
- Major Collectors:
  - Parcel 1-3
  - Counties
- Minor Collectors:
  - Parcel 4
  - Parcel's (no APN labels)
- Local Roads:
  -

2009

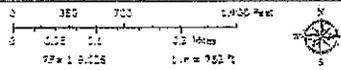
525-171-009-000 Parcel  
Loop Road  
Hoopa California

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BIA-PR  
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**2010**  
Humboldt County Planning and Building Department

- |                     |                         |                         |
|---------------------|-------------------------|-------------------------|
| Highways and Roads  | Private or Unclassified | Intermittent            |
| Principal Arterials | Major River or Stream   | Subsurface              |
| Minor Arterials     | Blue Line Streams       | City Boundary           |
| Major Collectors    | Parcel 1-2              | Countries               |
| Minor Collectors    | Parcel 3-4              | Parcels (no APN labels) |
| Local Roads         |                         |                         |



Printed: May 8, 2019 Web AppBuilder 2.0 for ArcGIS  
Map Document  
While every effort has been made to assure the accuracy of this information, it should be understood that it does not have the force & effect of law, rule, or regulation. Should any change occur, it is the user's responsibility to update the information.  
Source: Humboldt County GIS, Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

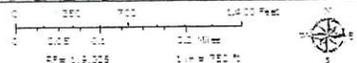
2010

525-171-009-000 Parcel  
Loop Road  
Hoopa California

Phase 1 ESA  
BIA-PR  
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**2012**  
Humboldt County Planning and Building Department



- |                     |                          |                         |
|---------------------|--------------------------|-------------------------|
| Highways and Roads  | Private or Unclassified  | Intermittent            |
| Principal Arterials | Major River or Stream    | Subsurface              |
| Minor Arterials     | <b>Blue Line Streams</b> | City Boundary           |
| Major Collectors    | Perennial 1-2            | Counties                |
| Minor Collectors    | Perennial 3-4            | Parcels (no APN labels) |
| Local Roads         |                          |                         |

Printed: May 8, 2019 Web AppBuilder 2.0 for ArcGIS  
 No Disclaimer  
 While every effort has been made to ensure the accuracy of this information, it should be understood that it does not have the force and effect of law, rule, or regulation. Should any difference or error occur, the user will take responsibility.  
 Source: Humboldt County GIS, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS User community; Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community/USDA

2012

525-171-009-000 Parcel  
 Loop Road  
 Hoopa California

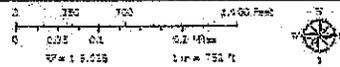
Phase 1 ESA  
 BIA-PR  
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2014

Humboldt County Planning and Building Department

- |                     |                         |                        |
|---------------------|-------------------------|------------------------|
| Highways and Roads  | Private or Unclassified | Intermittent           |
| Principal Arterials | Major River or Stream   | Subsurface             |
| Minor Arterials     | Blue Line Streams       | City Boundary          |
| Major Collectors    | Parental 1-3            | Counties               |
| Minor Collectors    | Parental >4             | Parcels and APN Labels |
| Local Roads         |                         |                        |



Printed: May 9, 2019

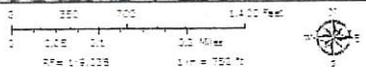
Web AppBuilder 2.0 for ArcGIS

Map Disclaimer:  
 While every effort has been made to assure the accuracy of this information, it should not be used for any critical applications without the proper professional regulation. It should not be used for any critical applications.

Source: Humboldt County GIS, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS User community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, USDA.



**2016**  
Humboldt County Planning and Building Department



- |                     |                          |                         |
|---------------------|--------------------------|-------------------------|
| Highways and Roads  | Private or Unclassified  | Intermittent            |
| Principal Arterials | Major River or Stream    | Subsurface              |
| Minor Arterials     | <b>Blue Line Streams</b> | City Boundary           |
| Major Collectors    | Paranatal 1-2            | Counties                |
| Minor Collectors    | Paranatal 3-4            | Parcels (no APN labels) |
| Local Roads         |                          |                         |

Printed: May 8, 2019 Web AppBuilder 2.0 for ArcGIS  
 Map Disclaimer: While every effort has been made to ensure the accuracy of this information, it should be understood that it does not constitute a warranty of accuracy or regulation. Should any differences or errors occur, the law will have precedence.  
 Source: Humboldt County GIS, San, HRS, GeoInfo, Geo-StreetMap contributors and the GIS user community. Source: San, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, 2014.

2016

525-171-009-000 Parcel  
 Loop Road  
 Hoopa California

**Appendix Q: USFWS IPaC Report – 525-171-009-000 Parcel**

525-171-009-000 Parcel  
Loop Road  
Hoopa California

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## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Arcata Fish And Wildlife Office  
1655 Heindon Road  
Arcata, CA 95521-4573  
Phone: (707) 822-7201 Fax: (707) 822-8411



May 08, 2019

In Reply Refer To:  
Consultation Code: 08EACT00-2019-SLI-0308  
Event Code: 08EACT00-2019-E-00688  
Project Name: Hoopa Valley - Asbestos Removal Project

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Arcata Fish And Wildlife Office**

1655 Heindon Road

Arcata, CA 95521-4573

(707) 822-7201

## Project Summary

Consultation Code: 08EACT00-2019-SLI-0308

Event Code: 08EACT00-2019-E-00688

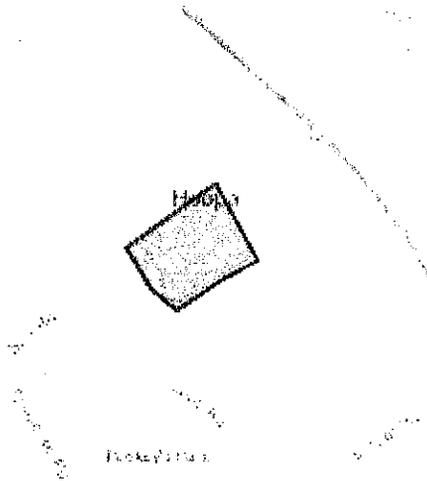
Project Name: Hoopa Valley - Asbestos Removal Project

Project Type: \*\* OTHER \*\*

Project Description: Action includes the evaluation of the +/-1.82 acre site for suspect asbestos containing materials per the 1527-13 ASTM standard.

### Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.051853N123.67860997727237W>



Counties: Humboldt, CA

## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

### Mammals

NAME

STATUS

Fisher *Pekania pennanti*

Proposed  
Threatened

Population: West coast DPS

No critical habitat has been designated for this species.

Species profile: <https://ecos.fws.gov/ecp/species/3651>

## Birds

NAME	STATUS
<b>Marbled Murrelet</b> <i>Brachyramphus marmoratus</i> Population: U.S.A. (CA, OR, WA) There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/4467">https://ecos.fws.gov/ecp/species/4467</a>	Threatened
<b>Northern Spotted Owl</b> <i>Strix occidentalis caurina</i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/1123">https://ecos.fws.gov/ecp/species/1123</a>	Threatened
<b>Western Snowy Plover</b> <i>Charadrius nivosus nivosus</i> Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast). There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/8035">https://ecos.fws.gov/ecp/species/8035</a>	Threatened
<b>Yellow-billed Cuckoo</b> <i>Coccyzus americanus</i> Population: Western U.S. DPS There is <b>proposed</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/3911">https://ecos.fws.gov/ecp/species/3911</a>	Threatened

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION

Resources

- ENDANGERED SPECIES 4
- MIGRATORY BIRDS 5
- FACILITIES
- WETLANDS
- PRINT RESOURCE LIST

What's next?

Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations

**DEFINE PROJECT**

Endangered species

Listed species and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries).

Species and critical habitats under the sole responsibility of NOAA Fisheries are not shown on this list. Please contact [NOAA Fisheries](#) for species under their jurisdiction.

Additional information on endangered species data is provided [below](#).

The following species are potentially affected by activities in this location:

THUMBNAILS LIST

Birds



**Marbled Murrelet**  
*Bechymnophus marmoratus*



**Northern Spotted Owl**  
*Strix occidentalis caurina*



**Western Snowy Plover**  
*Charadrius nivosus nivosus*



**Yellow-billed Cuckoo**  
*Coccyzus americanus*

Critical habitats

Potential effects to critical habitats in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

What does IPaC use to generate the list of endangered species potentially occurring in my specified location?

Do these lists represent all species to be considered at this location?

What is an 'official species list' and why would I need one?

# Explore location

LOCAL OFFICE: ARCATA FISH AND WILDL. OFC. -



LOCATION  
Humboldt County,  
California  
CHANGE LOCATION

## Resources

- ENDANGERED SPECIES 4
- MIGRATORY BIRDS 5
- FACILITIES
- WETLANDS
- PRINT RESOURCE LIST

### What's next?

Once a project in this location is authorized through the NEPA process, you will need to consult with the relevant agencies to ensure that the project complies with all applicable laws and regulations.



## Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

Any design or construction that could affect or conflict with the nesting, roosting, or migration of migratory birds, eagles, and other protected species may require regulatory review and consideration of mitigation measures, as described below.

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BOCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the [BOCC page](#). This is not a list of every bird you may find in the location and a guarantee that every bird on the list is on a project area. To see exact locations of where birds and the general public have reported birds in and around your project area, visit the [Birds of Conservation Concern \(BOCC\) Data](#) page. Other data sources, desired some range and a species on your list. For projects located on the Atlantic Coast, additional maps and reports detailing the relative distribution and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds and other important information about your migratory birds are included here to properly interpret and use your map data. More information can be found [here](#).

For questions on when to purchase, schedule, or implement activities and the mitigation measures to reduce impacts to migratory birds on your list, see the [PROBABILITY OF PRESENCE SUMMARY](#) at the top of your list as well as when those birds are available in the project and location in your project area.

### THUMBNAIL LIST

### PROBABILITY OF PRESENCE SUMMARY



- Tell me more about conservation measures (and implementation) to avoid or minimize impacts to migratory birds.
- What does IPaC use to generate the migratory birds potentially occurring in my specified location?
- What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?
- How do I know if a bird is nesting, migrating, or present year-round in my project area?
- What are the levels of concern for migratory birds?
- Detail about birds that are potentially affected by offshore projects.
- What if I have eagles on my list?
- Proper Interpretation and Use of Your Migratory Bird Report

# Hoop Valley - Asbestos Removal Project Humboldt County, California

[PROJECT HOME](#)

[REGULATORY REVIEW](#)

LOCAL OFFICE [ARCATA FISH AND WILDL OFC](#)

[Regulatory review](#) [Endangered species](#) [Species determinations](#)

## Species determinations

For listed species not covered by determination keys, an impact analysis should be performed to reach a conclusion about how this project will impact the species. These conclusions will result in *determinations* for each species, which will be used in consultation with the U.S. Fish and Wildlife Service.

### Mammals

NAME	DETERMINATION
Fisher <i>Pekania pennanti</i>	None

### Birds

NAME	DETERMINATION
Marbled Murrelet <sup>OH</sup> <i>Brachyramphus marmoratus</i>	None
Northern Spotted Owl <sup>OH</sup> <i>Strix occidentalis caurina</i>	None
Western Snowy Plover <sup>OH</sup> <i>Charadrius nivosus nivosus</i>	None
Yellow-billed Cuckoo <sup>OH</sup> <i>Coccyzus americanus</i>	None

### Critical habitats

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION

## **Appendix R: Project-related Materials – 525-171-009-000 Parcel**



# HOOPA VALLEY TRIBAL COUNCIL

## Hoopa Valley Tribe

Post Office Box 1348 Hoopa, California 95546

PH (530) 625-4211 · FX (530) 625-4594

www.hoopa-nsn.gov



Chairman Ryan Jackson

April 16, 2019

Amy L. Dutschke, Regional Director  
Bureau of Indian Affairs-Pacific Regional Office  
2800 Cottage Way, Room W-2820  
Sacramento, California 95825

RE: Phase I ESA; Felix Kitto

Dear Amy:

On April 10, 2019, staff from the Bureau of Indian Affairs-Pacific Region came to Hoopa for a meet and greet with Hoopa Land Management employees. Justine Vaivai, Alexis St. John and Felix Kitto were present at the meeting. It was very beneficial for Hoopa Land Management staff to meet the pertinent BIA Realty and Environmental staff whom they are going to be working with on future projects. The visit also provided BIA staff with a better understanding of the layout of the Hoopa Valley Indian Reservation.

Pursuant to this meeting, a site visit was conducted to the Supply Creek area where asbestos tiles have been unearthed and disturbed. The BIA has generously allocated \$30,000 towards conducting a Phase II Environmental Site Assessment. In order to move forward with the Phase II ESA, a Phase I ESA needs to be completed beforehand.

The Hoopa Valley Tribe is hereby requesting the assistance of Felix Kitto, Regional Environmental Scientist - DECRM Branch Chief to conduct a Phase I for this project.

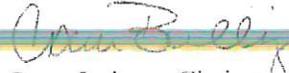
This assistance would allow the Hoopa Valley Tribe to move forward with seeking additional funding to conduct at Phase II, which is estimated in the range of approximately \$75,000.00.

The approval of Mr. Kitto's travel and professional assistance in this matter would be of great benefit to the Hoopa Valley Tribe.

If you have any questions, please contact Ken Norton, Land Management Director at (530) 625-5515 or [kenpnorton@gmail.com](mailto:kenpnorton@gmail.com).

The Hoopa Valley Tribe thanks the Bureau of Indian Affairs for their consideration in this environmental protection endeavor.

Sincerely,

  
for Ryan Jackson, Chairman  
Hoopa Valley Tribe



Kitto, Felix <felix.kitto@bia.gov>

---

**[EXTERNAL] HV Asbestos Site Phase I ESA Interview Form**

1 message

---

**Tonya Lindsey** <hvtepa@gmail.com>

Fri, May 3, 2019 at 10:36 AM

To: "Kitto, Felix" <felix.kitto@bia.gov>

Cc: Ken Norton <kenpnorton@gmail.com>, Amos Pole <mossman83@gmail.com>, "Linnea M. Jackson" <lackson5515@gmail.com>

Please find the attached completed HV Asbestos Site Phase I ESA Interview Form.

If you have any questions in regards let me know.

--

*Tonya Lindsey  
Environmental Planner  
Hoopa Valley Tribal EPA  
12 Cannery Rd  
PO Box 1130  
Hoopa Ca 95546  
ph: 530-625-5515  
fax: 530-625-5446  
hvtepa@gmail.com*

 **HV Asbestos Site OOLA Phase I ESA Interview Form.pdf**  
2154K



Kitto, Felix &lt;felix.kitto@bia.gov&gt;

**[EXTERNAL] RE: Phase I Environmental Site Assessment**

1 message

Wed, Apr 17, 2019 at 5:22 PM

Linnea Jackson &lt;ljackson5515@gmail.com&gt;

To: amy.dutschke@bia.gov

Cc: Felix Kitto &lt;felix.kitto@bia.gov&gt;, Ken Norton &lt;kenpnorton@gmail.com&gt;

Dear Amy,

Please find attached a letter from the Hoopa Valley Tribe requesting the assistance of Mr. Felix Kitto to conduct a Phase I Environmental Site Assessment on the Supply Creek Asbestos area.

We respectfully submit this request to you to approve travel time and associated costs for Mr. Felix Kitto to come up to Hoopa to perform this highly important report to help the Tribe meet environmental compliance standards.

If you have any questions, please contact Ken Norton, Director.

We thank you for your consideration. ☺

Linnea

Linnea M. Jackson

Realty Specialist I

Hoopa Valley Tribe

Land Management Department

12 Cannery Road

P.O. Box 1130

Hoopa, CA 95546

(530) 625-5515 Phone

(530) 625-5446 Fax

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5/23/2019

DEPARTMENT OF THE INTERIOR Mail - [EXTERNAL] RE: Phase I Environmental Site Assessment

 **Amy Dutschke-Request for Felix Kitto Environmental Assistance.pdf**  
288K



Kitto, Felix &lt;felix.kitto@bia.gov&gt;

## [EXTERNAL] Supply Asbestos data

4 messages

Tonya Lindsey <hvtpepa@gmail.com>  
 To: "Kitto, Felix" <felix.kitto@bia.gov>

Thu, May 9, 2019 at 5:04 PM

Please find the attached lab report for asbestos at the Supply Creek site and the memo from Fisheries documenting the findings of asbestos and halting of the restoration project.

I will be working on getting historical ariel photos of the site from our Forestry Department and hopefully get those to you soon.

If you have any questions please let me know.

Thanks,

---  
 Tonya Lindsey  
 Environmental Planner  
 Hoopa Valley Tribal EPA  
 12 Cannery Rd  
 PO Box 1130  
 Hoopa Ca 95546  
 ph: 530-625-5515  
 fax: 530-625-5446  
 hvtpepa@gmail.com

### 2 attachments

 **MEMORANDUM\_to the Council re\_Asbestos Supply Creek.pdf**  
 78K

 **Supply Creek Asbestos Sample Report.pdf**  
 309K

Kitto, Felix <felix.kitto@bia.gov>  
 To: Tonya Lindsey <hvtpepa@gmail.com>

Fri, May 10, 2019 at 7:42 AM

Tonya;

Thank you for meeting with me and for accompanying me to the Supply Creek asbestos site (herein after "site") yesterday. Also, thank you for providing the memorandum and the laboratory report indicating the issue and relevant analytical results associated with the site. Based on our conversation, three other issues remain:

- (1) During the site visit, there was an indication that a an active septic field occurs to the west/southwest of the project site.
- (2) During the site visit, there was a discussion regarding whether or not the fenced area once held an active component (pump station) of the wastewater treatment facility.
- (3) Based on the discussion(s) we had; there seemed to be some an internal debate regarding the origin(s) of materials used to create the "field of dreams" recreational facility near the "site".

Along with the potential for 1970-2005 aerial maps; would you please verify the presence/absence of the indicated active septic field, wastewater infrastructure and potentially verify fill material origins?

Please extend my thanks to Ken and Linnea for accommodating the site visit yesterday.

5/23/2019

DEPARTMENT OF THE INTERIOR Mail - [EXTERNAL] Supply Asbestos data

I will attempt to have my report drafted by 5/17/2019 as I understand this is a time-sensitive matter.

If you have any questions or concerns please do not hesitate to contact me.

Sincerely;

-  
Felix Kitto  
Regional Environmental Scientist - DECRM Branch Chief  
Bureau of Indian Affairs, Pacific Region Office  
2800 Cottage Way  
Sacramento California 95825

Office: 916-978-6051  
Cellular: 612-352-7238

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**Kitto, Felix** <felix.kitto@bia.gov>  
To: Tonya Lindsey <hvtpepa@gmail.com>

Wed, May 22, 2019 at 12:12 PM

Hi Tonya;

Would you be able to provide me with the name of the Fisheries Personnel that met us while we conducted the site visit for the Phase I ESA?  
Thank you.

Sincerely;

-  
Felix Kitto  
Regional Environmental Scientist - DECRM Branch Chief  
Bureau of Indian Affairs, Pacific Region Office  
2800 Cottage Way  
Sacramento California 95825

Office: 916-978-6051  
Cellular: 612-352-7238

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**Tonya Lindsey** <hvtpepa@gmail.com>

Wed, May 22, 2019 at 12:20 PM

5/23/2019

DEPARTMENT OF THE INTERIOR Mail - [EXTERNAL] Supply Asbestos data

To: "Kitto, Felix" <felix.kitto@bia.gov>

Paul Petros, Hoopa Fisheries Biologist.

[Quoted text hidden]



Kitto, Felix &lt;felix.kitto@bia.gov&gt;

**[EXTERNAL] Supply Creek Area Historical Aerial Photos**

2 messages

**Tonya Lindsey** <hvtpea@gmail.com>  
To: "Kitto, Felix" <felix.kitto@bia.gov>

Wed, May 15, 2019 at 3:13 PM

Please find the attached aerial photos of the Supply Creek Area for 1965, 72, and 85.

The 1965 photo is interesting in comparison.

--  
*Tonya Lindsey  
Environmental Planner  
Hoopa Valley Tribal EPA  
12 Cannery Rd  
PO Box 1130  
Hoopa Ca 95546  
ph: 530-625-5515  
fax: 530-625-5446  
hvtpea@gmail.com*

**3 attachments**

- Supply Creek Area 1965.tif**  
1622K
- Supply Creek Area 1985.tif**  
1695K
- Supply Creek Area 1972.tif**  
2277K

**Kitto, Felix** <felix.kitto@bia.gov>  
To: Tonya Lindsey <hvtpea@gmail.com>

Thu, May 16, 2019 at 9:05 AM

Tonya;

Thank you for sending me these photographs. You can definitely see the change for the parcel between 65 and 72 as well as 2009-2010 when it appears most of the fill was brought onto the subject parcel. Would be great to understand where that fill originated from?

Sincerely;

--  
Felix Kitto  
Regional Environmental Scientist - DECRM Branch Chief  
Bureau of Indian Affairs, Pacific Region Office  
2800 Cottage Way  
Sacramento California 95825

Office: 916-978-6051  
Cellular: 612-352-7238

5/23/2019

DEPARTMENT OF THE INTERIOR Mail - [EXTERNAL] Supply Creek Area Historical Aerial Photos

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Kitto, Felix &lt;felix.kitto@bia.gov&gt;

---

**[EXTERNAL] Supply Creek Asbestos Site Historical Arial Photos**

2 messages

Tonya Lindsey &lt;hvtepa@gmail.com&gt;

Wed, May 15, 2019 at 10:02 AM

To: "Kitto, Felix" &lt;felix.kitto@bia.gov&gt;

Good morning,

I have an appointment to meet with Jim Campbell at Forestry to go through photos of the Supply Creek Asbestos Site that date back to the 40's.

I can copy and email those photos to you by the end of today.

--

Tonya Lindsey  
Environmental Planner  
Hoopa Valley Tribal EPA  
12 Cannery Rd  
PO Box 1130  
Hoopa Ca 95546  
ph: 530-625-5515  
fax: 530-625-5446  
hvtepa@gmail.com

Kitto, Felix &lt;felix.kitto@bia.gov&gt;

Wed, May 15, 2019 at 10:06 AM

To: Tonya Lindsey &lt;hvtepa@gmail.com&gt;

Great, thanks for the update.

Sincerely;

-

Felix Kitto  
Regional Environmental Scientist - DECRM Branch Chief  
Bureau of Indian Affairs, Pacific Region Office  
2800 Cottage Way  
Sacramento California 95825

Office: 916-978-6051  
Cellular: 612-352-7238

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Kitto, Felix &lt;felix.kitto@bia.gov&gt;

**P1 ESA site visit**

7 messages

Kitto, Felix &lt;felix.kitto@bia.gov&gt;

Wed, Apr 24, 2019 at 9:24 AM

To: Ken Norton &lt;kenpnorton@gmail.com&gt;, Linnea Jackson &lt;lackson5515@gmail.com&gt;

Hi Ken;

I am planning to visit Hoopa May 09, 2019 to conduct a Phase I environmental site assessment on the asbestos site. Please let me know if this day works for you. I will be sending an interview form for the site by May 01, 2019.

Please contact me if you have any questions.

Thank you.

Sincerely;

-

Felix Kitto  
Regional Environmental Scientist - DECRM Branch Chief  
Bureau of Indian Affairs, Pacific Region Office  
2800 Cottage Way  
Sacramento California 95825

Office: 916-978-6051

Cellular: 612-352-7238

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Linnea Jackson &lt;lackson5515@gmail.com&gt;

Wed, Apr 24, 2019 at 9:29 AM

To: "Kitto, Felix" &lt;felix.kitto@bia.gov&gt;, Ken Norton &lt;kenpnorton@gmail.com&gt;

Cc: Tonya Lindsey &lt;hvtapa@gmail.com&gt;

That is great news! The Hoopa Valley Tribe really appreciates the assistance from yourself and the BIA.

May 9<sup>th</sup> works on our end. We look forward to seeing you and we will look for the interview form.

Linnea

Linnea M. Jackson

Realty Specialist I

Hoopa Valley Tribe

5/23/2019

DEPARTMENT OF THE INTERIOR Mail - P1 ESA site visit

Land Management Department

12 Cannery Road

P.O. Box 1130

Hoopa, CA 95546

(530) 625-5515 Phone

(530) 625-5446 Fax

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**Kitto, Felix** <felix.kitto@bia.gov>

Wed, Apr 24, 2019 at 8:21 PM

To: Linnea Jackson <ljackson5515@gmail.com>

Cc: Ken Norton <kenpnorton@gmail.com>, Tonya Lindsey <hvtapa@gmail.com>

Linnea;

Were you able to identify who the primary contact (and the other two contacts) will be for the purposes of completing the required interview process?

If so can you please send me the: 1) name of contact; 2) title; 3) email address; and 4) telephone number?

Thank you.

Sincerely;

-

Felix Kitto

Regional Environmental Scientist - DECRM Branch Chief

Bureau of Indian Affairs, Pacific Region Office

2800 Cottage Way

Sacramento California 95825

Office: 916-978-6051

Cellular: 612-352-7238

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[Quoted text hidden]

**Linnea Jackson** <ljackson5515@gmail.com>

Thu, Apr 25, 2019 at 8:35 AM

To: "Kitto, Felix" <felix.kitto@bia.gov>

Cc: Ken Norton <kenpnorton@gmail.com>, Tonya Lindsey <hvtapa@gmail.com>, amos@hoopa-nsn.gov

Good morning Felix,

The three (3) people that have been identified as having knowledge and some background/interaction with this property are as follows:

1. Tonya Lindsey, Environmental Planner I

hvtpepa@gmail.com

(530) 625-5515

2. Amos Pole, Water Quality Specialist

amos@hoopa-nsn.gov

(530) 625-5515

3. Ken Norton, Director

kenpnorton@gmail.com

(530) 625-5515

Each of these employees of the Hoopa Valley Tribe have relevant experience with this site.

I notified each of the people listed above and indicated that an interview would be sent out or conducted on May 1<sup>st</sup>.

If you need anything further, please contact this office.

[Quoted text hidden]

Kitto, Felix <felix.kitto@bia.gov>

Wed, May 1, 2019 at 11:09 AM

To: Linnea Jackson <ljackson5515@gmail.com>

Cc: Ken Norton <kenpnorton@gmail.com>, Tonya Lindsey <hvtpepa@gmail.com>, amos@hoopa-nsn.gov

Linnea;

Attached please find the preliminary Owner, Occupant and Local Government Agency (OOLA) Interview form for the scheduled May 09, 2019 site visit on the reported asbestos site near the Hoopa Valley Elementary School. Please note, the data in the completed cell(s) are preliminary and should be corrected/updated by appropriate personnel. This is a form fillable report that can be shared and updated electronically. Once the form is completed in its entirety, please return to me electronically as I use the data to prepare for the site visit.

I plan to arrive at your Office at approximately 8:00 AM on Thursday May 09, 2019. I will perform an entrance interview and will visit the site to document site conditions. Once the field exercise is completed, I will return to your Office to perform an exit interview and will depart from your Office when completed. My anticipated time onsite (office and field) will be approximately 2 hours.

5/23/2019

DEPARTMENT OF THE INTERIOR Mail - P1 ESA site visit

I look forward to working with you to complete the interview and site visit requirements associated with the ASTM 1527-13 standard resulting in the publication of the Phase I Environmental Site Assessment Report.

If you have any questions, please do not hesitate to contact me.

Sincerely;

-

Felix Kitto  
Regional Environmental Scientist - DECRM Branch Chief  
Bureau of Indian Affairs, Pacific Region Office  
2800 Cottage Way  
Sacramento California 95825

Office: 916-978-6051

Cellular: 612-352-7238

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 **HV Asbestos Site OOLA Phase I ESA Interview Form.pdf**  
2151K

**Ken Norton** <kenpnorton@gmail.com>  
To: "Kitto, Felix" <felix.kitto@bia.gov>

Wed, May 1, 2019 at 11:16 AM

Hi Felix,

May 9th work for me and water staff, looking forward in working with you.

Ken

[Quoted text hidden]

**Linnea Jackson** <ljackson5515@gmail.com>  
To: "Kitto, Felix" <felix.kitto@bia.gov>

Wed, May 1, 2019 at 11:54 AM

Cc: Ken Norton <kenpnorton@gmail.com>, Tonya Lindsey <hvtepa@gmail.com>, amos@hoopa-nsn.gov

Felix

The designated staff will complete the form and get this back to you as soon as possible.

We look forward to seeing you.

Thank you for your continued assistance.

[Quoted text hidden]

