

Karuk Tribe

Environmental Assessment Residential 137-acre Fee-to-Trust Project

Lead Agency:



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SECTION 1.0

INTRODUCTION

1.1 INTRODUCTION

This Environmental Assessment (EA) has been prepared for the Bureau of Indian Affairs (BIA) to address the environmental effects of the Karuk Tribe (Tribe) proposal to bring 137.80± acres of land into federal trust. The BIA is the Federal Agency charged with reviewing and deciding on fee-to-trust applications as mandated under the Indian Reorganization Act (IRA) and Indian Land Consolidation Act (ILCA). The land, if approved by the BIA, would be developed with approximately 26 housing units in three residential developments.

This EA has been completed in accordance with the requirements set out in the National Environmental Policy Act (NEPA) of 1969 (42 U.S.C. 4321 *et seq.*), the Council on Environmental Quality Regulations for Implementing NEPA (40 C.F.R. Parts 1500-1508), and the BIA's NEPA Procedures. This document provides a detailed description of the Proposed Action and an analysis of the potential environmental consequences associated with the Proposed Action. This document also includes a discussion of alternatives, along with actions to avoid and mitigate potential effects.

NEPA requires Federal agencies to review and analyze the environmental consequences associated with proposed actions. Here, the federal action involves approving the fee-to-trust action, which would allow for the development of three residential developments. The BIA will consider the environmental effects of the Proposed Action as disclosed within this EA and then determine whether a Finding of No Significant Impact (FONSI) is appropriate, or an Environmental Impact Statement (EIS) is required. If a FONSI is appropriate, a FONSI will be prepared and a decision on the fee-to-trust project will be made shortly thereafter. If an EIS is required, the BIA will begin that process by issuing a scoping notice and holding a scoping meeting to acquire public input that will be useful in the preparation of the EIS.

1.2 PROJECT LOCATION

The parcels under consideration are at two locations in Siskiyou County, California (**Figure 1-1, Appendix A**). Five parcels are in the town of Happy Camp, three at the northern edge of the town and two near the town center on the Klamath River (**Figure 1-2, Appendix A**). These parcels are located within Sections 2 and 11, Township 16 North, Range 7 East (Humboldt base line and

meridian) as shown on the Happy Camp, California and Slater Butte, California 7.5 minute USGS quadrangles. The remaining two parcels are located at the southeast border of the City of Yreka (**Figure 1-3, Appendix A**). One parcel is located both inside and outside City limits. The Yreka parcels are located within Section 35, Township 45 North, Range 7 West (Mount Diablo base line and meridian) as shown on the Montague, California 7.5 minute USGS quadrangle. **Table 1-1** provides a summary of parcel information.

TABLE 1-1
PROJECT PARCEL DETAILS

Parcel	Location	Parcel Name	Residential Project	APN	Acreage
1	Yreka	Oom	Oom	013-120-420	20.30
2		Oom Road Entrance		062-151-250	0.07
3	Happy Camp	Skyline	Skyline	016-412-240	3.15
4		Hillside		016-412-340	0.99
5		Evans I	Indian Meadows	016-010-460	103.98
6		Evans II		016-010-400	8.92
7		Tello		016-531-330	0.39
Total					137.80
SOURCE: Karuk Tribe, 2017					

1.3 PURPOSE AND NEED FOR THE PROPOSED ACTION

The purpose of the proposed fee-to-trust action would be to facilitate Tribal self-determination and allow the Tribe to exercise sovereignty over lands currently owned in fee title. Owning the subject lands in fee title does not allow the Tribe to exercise its complete authority over the land, because with such ownership, the Tribe would have oversight from external local governmental bodies. Additionally, the autonomy provided by the fee-to-trust action would allow for greater self-sufficiency.

The Tribe is the second largest Native American Tribe in the state of California with approximately 3,603 enrolled tribal members. The 901+/- acres currently held in trust by the United States for the Tribe are a small fraction of the Tribe's original land base of over one million acres. The existing trust land base is being used for Karuk community facilities in Yreka, Happy Camp and Orleans, including over 180 tribal housing units. But the existing Tribal land base has long reached full build-out in most communities. Given the future growth trends of the Tribe, future needs cannot be realized given the Tribe's present trust land holding designated for housing. The requested fee-to-trust action would permit the Tribe to more fully exercise its right to self-determination consistent with federal policy by providing the Tribe additional lands under its control on which to continue building and strengthening the Karuk tribal community in Happy

Camp and Yreka through affordable housing. Even with innovative housing finance programs developed by the Karuk Tribe Housing Authority (KTHA), the housing needs of the Tribe's members remain acute. Many of its members live in substandard housing. Understandably, the Tribe, through the KTHA, wants to provide as many of its members as possible with decent, safe, and sanitary housing.

The BIA's role under the IRA is to partner with tribes to help them achieve their goals for self-determination, while also maintaining its responsibilities under the Federal-Tribal trust and government-to-government relationships.

1.4 OVERVIEW OF THE ENVIRONMENTAL REVIEW PROCESS

This EA has been prepared to analyze and document the environmental consequences associated with the approval of the fee-to-trust action and the subsequent residential development. The BIA will use this EA to determine if the Proposed Action would result in significant effects to the environment and whether a FONSI is appropriate or an EIS should be prepared and processed. This EA is intended to satisfy the environmental review process of 40 CFR 1501.3, 40 CFR 1508.9, and the BIA NEPA Guidebook (59 IAM 3-H).

1.4.1 ENVIRONMENTAL ISSUES ADDRESSED

Based on a review of the project site and the proposed development, as well as consultation with local and federal agencies, the following environmental issues are evaluated in this EA:

- Land Resources (topography, geology, soils, seismicity, and mineral resources);
- Water Resources (surface water, drainage and flooding, groundwater, and water quality);
- Air Quality;
- Biological Resources;
- Cultural Resources;
- Socioeconomic Conditions;
- Transportation and Circulation,
- Land use and Agriculture);
- Public Services (water supply, wastewater service, solid waste service, electricity/natural gas/telecommunications, law enforcement, fire protection, and emergency medical services);
- Noise;
- Hazardous Materials; and
- Visual Resources.

1.4.2 REGULATORY REQUIREMENTS AND APPROVALS

The following direct and indirect federal approvals and actions may be required for the Proposed Action or subsequent residential development:

- National Pollutant Discharge Elimination System (NPDES) general permit for stormwater discharges by the U.S. Environmental Protection Agency as required by the Clean Water Act (pursuant to Section 402);
- U.S. Army Corps of Engineers consultation under the Clean Water Act (pursuant to Section 404);
- U.S. Environmental Protection Agency consultation under the Clean Water Act (pursuant to Section 401);
- U.S. Fish and Wildlife Service consultation under the Endangered Species Act;
- American Indian Religious Freedom Act consultation under applicable regulation 43 CFR 7, Archeological Resources Protection Act (ARPA) Permitting; and
- National Historic Preservation Act Section 106 consultation (36 CFR).

SECTION 2.0

PROPOSED ACTION AND ALTERNATIVES

2.1 PROPOSED ACTION

The Proposed Action is the BIA's consideration of a request from the Karuk (Tribe) to take 137.80+/- acres of land into federal trust. A foreseeable consequence of BIA approval of the fee-to-trust request would be the construction of three residential development projects providing a total of approximately 26 single-family homes. The discussion provided below addresses the components of the fee-to-trust request and residential development.

2.1.1 FEE-TO-TRUST REQUEST

The Tribe is requesting the BIA, pursuant to 25 C.F.R. Part 151, to consider taking 137.80+/- acres of property in Siskiyou County, California into federal trust status on behalf of the Tribe. Unrestricted land owned by a tribe can be conveyed into trust status (Section 151.4) following submittal of a written request to the Secretary of the Interior (Section 151.9). Because this request is for an off-reservation acquisition, the Secretary of Interior is required to consider issues such as the need of the tribe for additional land, the purpose for which the land will be used, the impact on the State, jurisdictional problems, and other considerations listed in 25 C.F.R., Part 151, Section 151.10. The Tribe has prepared a separate application to ensure that all Part 151 requirements have been met.

2.1.2 LOCATION

The parcels under consideration are at two locations in Siskiyou County, California (**Figure 1-1, Appendix A**). Five parcels are in the town of Happy Camp, three at the northern edge of the town and two near the town center on the Klamath River (**Figure 1-2, Appendix A**). These parcels are located within Sections 2 and 11, Township 16 North, Range 7 East (Humboldt base line and meridian) as shown on the Happy Camp, California and Slater Butte, California 7.5 minute USGS quadrangles. The remaining two parcels are located at the southeast border of the City of Yreka (**Figure 1-3, Appendix A**). The Oom parcel is located outside of the city limits, while the Oom Entrance Road is located within the city limits. The Yreka parcels are located within Section 35, Township 45 North, Range 7 West (Mount Diablo base line and meridian) as shown on the Montague, California 7.5 minute USGS quadrangle. **Table 1-1** provides a summary of parcel information.

2.1.3 RESIDENTIAL DEVELOPMENT

The foreseeable consequence of an approved fee-to-trust request for the 137.80+/- acres would be the development of three residential projects – the Oom Residential Development in Yreka, and the Skyline and Indian Meadows Residential Developments in Happy Camp. The Tribe, through the KTHA, plans to construct housing units suitable for low- and moderate-income tribal member families and elders. KTHA has developed preliminary plans for the residential developments. Once accepted into trust, KTHA will complete the final designs of the housing developments, including water and wastewater services, access road improvements, and other related infrastructure development in a manner consistent with all applicable laws, agreements, and environmental requirements. Construction of the homes would occur in phases as funds become available, and would be subject to the extension of supporting water and wastewater services and utilities.

DEVELOPMENT STANDARDS

The trust acquisition would eliminate the need for building permits to be issued from Siskiyou County for the proposed homes. The Tribe, however, would assure that equivalent housing standards are maintained for the health, safety, and comfort of the residents. Specifically, the residences and road/utility improvements would be constructed in compliance with building code standards applicable in unincorporated Siskiyou County at the time of construction (excepting any requirements affording jurisdiction to the State of California or Siskiyou County, such as permit issuance or plan review), including but not limited to the California Code of Regulations listed below:

- Title 24, Part 2 (California Building Code),
- Title 24, Part 3 (California Electrical Code),
- Title 24, Part 4 (California Mechanical Code),
- Title 24, Part 5 (California Plumbing Code),
- Title 24, Part 6 (California Energy Code), and
- Title 24, Part 9 (California Fire Code).

The developer would utilize the Underground Service Alert (USA) service and would coordinate with Pacific Power and phone/cable providers regarding excavation and extension of services.

Outdoor residential lighting would be hooded/screened to direct light downward onto the subject parcel and would not negatively impact adjacent parcels. Site lighting would not cause excessive glare or shine onto the roads in a manner which causes excessive glare or cause a traffic hazard.

OOM RESIDENTIAL DEVELOPMENT

The Oom site is directly adjacent to existing trust lands located at the southeast border of the City of Yreka (**Figure 1-3**). Tribal trust lands border the Oom parcel on the west and the south. The Oom Entrance Road parcel is located approximately 130 feet from the Tribe's trust lands. The Tribe intends to develop approximately ten homes on the 20.3+/- acre Oom parcel (**Figure 2-1, Appendix A**). Although final design plans have not yet been completed, the homes would be developed along a new roadway extending from Apsuun Road near the KTHA office (1836 Apsuun Road) and the intersection of Oak Tree Court. Ten home lots would be established ranging in size from 1 to 1.5 acres. Development would avoid the southeast corner of the parcel to avoid steeper slopes and a drainage. In addition to the residences and roadway, improvements would include extension of water, wastewater and electrical lines, and construction of bioswales for stormwater management. The Oom Entrance Road parcel was purchased by the Tribe and is included within the fee-to-trust application to preserve a potential future access point from Sandpiper Court.

Residential Units

The Tribe plans to construct approximately 10 two- to four-bedroom single-family homes on individual lots. The one-story homes would incorporate a carport/garage and would have a height of approximately 15 feet above grade. Asphalt-paved driveways would be provided off the new roadway. The layout of the homes and driveways will avoid mature oak and juniper trees to the extent feasible.

Proposed Roadway

The new road extension from Apsuun Road would be developed consistent with Siskiyou County standards with a 24-foot-wide asphalt-paved surface. The road would be approximately 1,700 feet long and end in a cul-de-sac. In the future, an additional road may be extended from Sandpiper Court to the new roadway. This would only occur if the Tribe eventually purchases the parcel located between the Oom parcel and the Oom Entrance Road parcel.

Drainage

Surface runoff from the proposed roadway would be directed through biofiltration swales (bioswales) to offset the added impervious area. The bioswales, planted with native grasses, would treat 100% of the runoff. Bioswales are specifically designed to remove fine sediment and pollution in water runoff. They are most commonly constructed as vegetated trapezoidal channels which receive and convey storm water flows while providing compliance with water quality and flow criteria. Pollutants are removed by a filtration process involving vegetation, the uptake by plant biomass, sedimentation, adsorption to soil particles, and infiltration through the soil.

Water Supply

Water would be supplied by the City of Yreka which provides service to the adjacent trust lands. The Tribe has a Cooperative Agreement with the City of Yreka and the County of Siskiyou by which City of Yreka provides water and wastewater service to the Tribe's trust parcels and the Tribe pays all the regular fees and assessments that it would pay if the parcels remained in the local jurisdiction (**Appendix B**). Because the site is located outside of the City's water service area boundary, water service cannot be provided to the parcel until the City's water service area boundary is amended to include the Oom parcel. Accordingly, the development of homes on the Oom parcel would not occur until water service is available from the City.

When available, water service would be extended to the site from an existing water line in Apsuun Road. A new water line would be installed along the roadways with meters installed at each of the 10 lots. Fire hydrants would also be installed.

Wastewater Service

Wastewater service would be supplied by the City of Yreka which provides service to the adjacent trust lands under the Cooperative Agreement described above. Wastewater generated from the homes would be conveyed via pipeline to an existing sewer line in Apsuun Road. Wastewater from the City of Yreka is treated at the City's wastewater treatment plant located at the northern edge of the City on Highway 263. The wastewater treatment plant is located approximately three miles north of the project site. All plumbing and connections would comply with the California Plumbing Code (Title 24, Part 5) and would be coordinated with the City of Yreka.

SKYLINE RESIDENTIAL DEVELOPMENT

The Skyline site is located within the town of Happy Camp and is comprised of the Skyline and Hillside parcels. The site is bordered by residential development to the west and north, the Happy Camp Elementary School to the east, and the Klamath River to the south (**Figure 2-2, Appendix A**). The site is within 2,000 feet of existing Tribal trust lands. The Tribe intends to establish 10 lots on the 4.14+/- acre site. Four homes would be developed in the short term, with five lots reserved for future development. The remaining lot would be used for a sewer lift station to serve the site. The homes would be developed along a new roadway (tentatively named Skyline Court) extending from Hillside Road. In addition to the residences and roadway, improvements would include the extension of water, sewer and electrical lines, and construction of an infiltration drain for stormwater management.

Residential Units

The Tribe plans to construct approximately nine two- to four-bedroom single-family homes on individual lots. The one-story homes would have an attached carport/garage and would have a

height of approximately 15 feet above grade. Asphalt-paved driveways would be provided off the new roadway.

Proposed Roadway

The new road extension from Hillside Road would be developed consistent with Siskiyou County standards and existing roads in the area with a 24-foot-wide asphalt-paved surface, curbs and gutters. The road (Skyline Court) would be approximately 700 feet long and end in a cul-de-sac.

Drainage

Surface runoff from the proposed roadway would be collected by a drop inlet at the southern edge of the cul-de-sac and flow to an infiltration system at the southwest corner of the development. This drainage system would allow for the infiltration of stormwater from the roadway while removing pollutants by adsorption to soil particles.

Water Supply

Water will be supplied by the Happy Camp Community Services District (HCCSD), which provides the water supply to the town of Happy Camp. The Tribe has a Memorandum of Agreement with HCCSD by which HCCSD provides water service to the Tribe's trust parcels and the Tribe pays all the regular fees and assessments that it would pay if the parcels remained in the local jurisdiction (**Appendix C**). Water service would be extended to the site from an 8-inch water line in Klamath River Highway, replacing a segment of existing 4-inch water line along Hillside Road. A new water line would be installed along Skyline Court with meters installed at each of the 10 lots. Two fire hydrants would also be installed.

Wastewater Treatment and Disposal

Wastewater generated from the homes would be conveyed via pipeline to the existing wastewater treatment system managed by the Happy Camp Sanitary District (HCSO). As with HCCSD, the Tribe has a Memorandum of Agreement with HCSO by which HCSO provides sanitary services to the Tribe's trust parcels and the Tribe pays all regular fees and assessments (**Appendix D**). Wastewater generated by the homes would flow by gravity along a new 4-inch sewer line (approximately 480 feet long) in Skyline Court to a pump station located on Lot 3 of the development. The pump station is needed because the sewer line in Skyline Court would be about 20 feet lower in elevation than the existing sewer line in Hillside Road. The pump station will consist of a storage tank, two lift pumps, a 7.5 kW backup generator and a 150-gallon propane tank. Wastewater will be pumped through approximately 535 feet of new wastewater line in Skyline Court to the existing wastewater line in Hillside Road.

From Hillside Road, wastewater would be conveyed via gravity feed to a pump station located in the town of Happy Camp, where it would be pumped to the wastewater facility and treatment ponds located at 63804 Klamath River Highway. The wastewater facility/ponds are located approximately 2.1 miles from the Skyline site. All plumbing and connections would comply with the California Plumbing Code (Title 24, Part 5) and would be coordinated with HCSD.

INDIAN MEADOWS RESIDENTIAL DEVELOPMENT

The Indian Meadows site is located within the town of Happy Camp and is comprised of the Evans I and Tello parcels. Evans II is a contiguous parcel (**Figure 2-3, Appendix A**). The proposed residential development site is bordered by residential development to the west, Grayback Road and undeveloped land to the north and east, and undeveloped land to the south (**Figure 2-4, Appendix A**). The Evans I parcel is bordered by existing Tribal trust lands to the south. The Tribe intends to establish eight lots on approximately 5.13 acres. Seven of the eight lots would be for residential development while the remaining lot would be used for a storm drain infiltration system. Four homes would be developed in the short term, with three lots reserved for future development. The homes would be developed along a new roadway (tentatively named Indian Creek Court) extending from Indian Meadows Drive. In addition to the residences and roadway, improvements would include the extension of potable water, sewer and electrical lines.

Residential Units

The Tribe plans to construct seven two- to four-bedroom single-family homes on individual lots. The one-story homes would have an attached carport/garage and would have a height of approximately 15 feet above grade. Asphalt-paved driveways would be provided off the new roadway.

Proposed Roadway

The new road extension from Indian Meadows Drive would be developed consistent with Siskiyou County standards and existing roads in the area with a 24-foot-wide asphalt-paved surface, curbs and gutters. The road (Indian Creek Court) would be approximately 700 feet long and end in a cul-de-sac.

Drainage

Surface runoff from the proposed roadway would be collected by inlets at the edge of the roadway and flow to an infiltration system at the southwest corner of the development. This drainage system would allow for the infiltration of stormwater from the roadway while removing pollutants by adsorption to soil particles.

Water Supply

Water will be supplied by the HHCSO as described under the Skyline development above. Water service would be extended to the site from an existing water line in Indian Meadows Drive. Approximately 710 feet of new 6-inch water line would be installed along Indian Creek Court with meters installed at each of the residential lots. Two fire hydrants would also be installed.

Wastewater Treatment and Disposal

Wastewater service would be provided by HCSO as described under the Skyline development above. Wastewater generated by the homes would flow by gravity along 700 feet of new 4-inch sewer line within the new access road to an existing sewer line in Indian Meadows Drive. From Indian Meadows Drive, wastewater would flow by gravity to the pump station in Happy Camp, where it would be pumped to the HCSO wastewater treatment ponds. The wastewater facility/ponds are located approximately 1.4 miles from the Indian Meadows site. All plumbing and connections would comply with the California Plumbing Code (Title 24, Part 5) and would be coordinated with HCSO.

2.2 ALTERNATIVES TO THE PROPOSED ACTION

2.2.1 ALTERNATIVE A – NO ACTION ALTERNATIVE

Under the No Action Alternative, the lands would not be taken into federal trust, and no housing units or road extensions would be developed. The property would remain in its current state and remain vacant. The No Action Alternative would not allow the Tribe to provide additional residential housing for their members on the vacant lots.

2.3 ALTERNATIVES CONSIDERED BUT ELIMINATED FROM CONSIDERATION

2.3.1 REDUCED DENSITY ALTERNATIVE

Under the Reduced Density Alternative, the parcels would be brought into trust and used for residential purposes at a reduced density when compared to the Proposed Action. This alternative, while consistent with adjacent County zoning, would not fulfill the essential project objective of providing additional housing for Tribal members; therefore, this alternative is eliminated from further consideration.

2.4 COMPARISON OF PROPOSED ALTERNATIVES

No significant unmitigable effects would result from implementation of the Proposed Action. No impacts would occur under the No Action Alternative due to the fact that the two parcels would not be taken into federal trust and residential development would not occur. The No Action Alternative would not provide the socioeconomic benefits to the Tribe provided by the Proposed Action.

2.4.1 PROPOSED ACTION

The Proposed Action would result in environmental impacts in the following areas. Mitigation measures incorporated into the Proposed Action will reduce these impacts to insignificant levels.

- Land Use (Paleontological Resources),
- Air Quality (Construction Effects),
- Biological Resources (Special Status Species),
- Cultural Resources (Buried Archaeological Resources),
- Socioeconomic Conditions (School and Funding Effects),
- Public Services (Water Supply, Wastewater Service, Noise), and
- Noise (Construction Noise).

The Proposed Action would best meet the purpose and need, and would provide the greatest socioeconomic benefit to the Tribe.

2.4.2 NO ACTION ALTERNATIVE

While the No Action Alternative would not result in any of the environmental effects identified for the Proposed Action, this alternative would not meet the purpose and need as stated in Section 1.3. The No Action Alternative would not enable the Tribe to expand the availability of affordable housing on sovereign land.

SECTION 3.0

DESCRIPTION OF AFFECTED ENVIRONMENT

3.1 SUMMARY OF AFFECTED ENVIRONMENT

This section summarizes relevant information about existing resources and other values that may be affected by the fee-to-trust action and development/operation of the proposed facilities. Resources that are described include Land Resources, Water Resources, Air Quality, Biological Resources, Cultural Resources, Socioeconomic Conditions, Transportation, Land Use/Agriculture, Public Services, Noise, Hazardous Materials and Visual Resources. **Table 3-1** summarizes the affected environment; detailed information is provided in **Appendix E**.

TABLE 3-1
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
LAND RESOURCES		
Topography	Evans/Tello parcels (including Evans I, Evans II and Tello) - gently sloping river terraces along Indian Creek transition to steep, heavily forested terrain. Seasonal and ephemeral drainages. Skyline/Hillside - gently sloping river terrace of the Klamath River.	Oom parcel – Gentle to moderate hillsides with ephemeral drainages at the edge of the Klamath Mountains. Oom Entrance Road parcel – gently sloping.
Geology	Marine rocks, primarily slate, graywacke, argillite and chert.	Marine rocks, primarily sandstone and mudstone.
Seismicity	The project sites are in a region that is distant from known, active faults. Infrequent, low levels of shaking are experienced.	
Soils	Gravelly loams with moderate to high erosion hazard.	Sandy loams with moderate to high erosion hazard.
Mineral Resources	Gold, copper and jade mines were developed in the area but are mostly abandoned; recreational gold prospecting continues along Klamath River and tributaries.	Gold mining occurred in the area along Yreka Creek, but only recreational gold mining continues.

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
Paleontological Resources	Fossilized remains of mostly invertebrate fauna and some vertebrate fauna have been found in Siskiyou County. The geology of the project area includes slate, greywacke, argillite and chert, all of which are sedimentary rocks with potential to have fossils.	The geology of the area includes sandstone and mudstone, which have the potential for fossil remains.
WATER RESOURCES		
Regional Climate	Annual average precipitation of 49.5 inches. July average maximum temperature is 95° F, January average minimum temperature of 30.7° F.	Annual average precipitation of 18.5 inches. July average maximum temperature is 91.3° F, January average minimum temperature of 24° F.
Surface Water, Drainage, Flooding	Located within the Lower Klamath River Watershed, and drain to Klamath River and Indian Creek, a tributary. Sites are outside of FEMA-mapped floodplains.	Located within the Shasta River Watershed of the Klamath River Basin and drain to Yreka Creek and Bunton Hollow Creek/Shasta River. Sites are outside of FEMA-mapped floodplains.
Groundwater	The local groundwater basin is associated with alluvium along the Klamath River and lower Indian Creek. Domestic wells in the basin range in depth from 40 to 345 feet below ground level.	The primary water-bearing formation in the local groundwater basin is alluvium. Domestic wells in the basin range in depth from 40 to 345 feet below ground level.
Water Quality	<p>The Klamath River is on the Clean Water Act Section 303(d) impairment list for temperature, nutrients, dissolved oxygen, sediment, and cyanobacteria toxins. Indian Creek provides colder water with low turbidity, however historic mines in the area discharge acid, arsenic and zinc.</p> <p>No publicly available groundwater quality data exists for the area. Most residents within the town obtain their water from the Happy Camp Community Services District, which obtains its supply from Elk Creek, a local tributary to the Klamath River.</p>	<p>The Shasta River is on the 303(d) list due to organic enrichment/low dissolved oxygen and elevated temperature.</p> <p>Groundwater in the basin is characterized as magnesium bicarbonate and calcium bicarbonate type water; these minerals are commonly associated with hard water.</p> <p>Locally high magnesium, iron, fluoride, nitrate, chloride, sodium, sulfate, hardness, and total dissolved solids concentrations occur within the basin.</p>
AIR QUALITY		
Air Quality	The Project sites are located within the Siskiyou County portion of the Northeast Plateau Air Basin which is currently classified as attainment or unclassified for all pollutants under the national and state ambient air quality standards.	

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
Greenhouse Gas	No local or regional climate change plans or policies have been adopted that apply to development projects within Siskiyou County or the City of Yreka.	
BIOLOGICAL RESOURCES		
Natural Communities	<p>The Skyline/Hillside site is open grasslands with areas of ponderosa pine/Douglas fir forest, blackberry brambles, and willow thicket.</p> <p>The Evans/Tello site is primarily Douglas fir/tanoak forest, with areas of ponderosa pine/Douglas fir forest and white leaf manzanita chaparral.</p>	Habitat on the site consists of Oregon white oak woodland and birch leaf mountain mahogany chaparral.
Potential Waters of the US	<p>The Skyline/Hillside site has two small areas of potential seasonal wetlands totaling 0.061 acre along the eastern border of the site.</p> <p>The Evans/Tello site has 1.261 acres of potential seasonal wetland swales. The largest seasonal swale is on the southern portion of the Evans I parcel; a small seasonal swale is located on the Tello parcel.</p> <p>The Evans/Tello site has 0.318 acre of ephemeral drainage, 0.266 acre of perennial pond, 0.292 acre of seasonal creek and 0.009 acre of ditch. These potential waters occur primarily on the Evans I parcel.</p>	The Oom site has an ephemeral drainage in the southwest corner of the site totaling 0.036 acre.
Special-Status Species	<p>The Skyline/Hillside provides potential habitat for the following special-status species:</p> <p>Birds</p> <ul style="list-style-type: none"> • Bald eagle (BCC-USFWS Bird of Conservation Concern) • Rufous Hummingbird (BCC) • Calliope hummingbird (BCC) • Lewis's woodpecker (BCC) • Williamson's sapsucker (BCC) • White-headed woodpecker (BCC) • Olive-sided flycatcher (BCC) • Purple finch (BCC) • Green-tailed towhee (BCC) • Fox sparrow (BCC) 	<p>The Oom site provides potential habitat for the following special-status species:</p> <p>Plants</p> <ul style="list-style-type: none"> • Gentner's fritillary (E-Endangered) • Yreka phlox (E) <p>Birds</p> <ul style="list-style-type: none"> • Swainson's hawk (BCC) • Burrowing owl (BCC) • Rufous Hummingbird (BCC) • Calliope hummingbird (BCC) • Williamson's sapsucker (BCC) • Olive-sided flycatcher (BCC) • Loggerhead shrike (BCC) • Oak titmouse (BCC) • Purple finch (BCC)

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
Special-Status Species (Cont.)	<p>The Evans/Tello site provides potential habitat for the following special-status species:</p> <p>Birds</p> <ul style="list-style-type: none"> • Bald eagle (BBC) • Marbled murrelet (T-<i>Threatened</i>) • Flammulated owl (BCC) • Northern spotted owl (T) • Rufous Hummingbird (BCC) • Calliope hummingbird (BCC) • Williamson’s sapsucker (BCC) • White-headed woodpecker (BCC) • Olive-sided flycatcher (BCC) • Purple finch (BCC) • Green-tailed towhee (BCC) • Fox sparrow (BCC) <p>Mammals</p> <ul style="list-style-type: none"> • Gray wolf (E) • California wolverine (PT - <i>Proposed Threatened</i>) • Pacific fisher (PT) 	<p>Birds</p> <ul style="list-style-type: none"> • Green-tailed towhee (BCC) • Fox sparrow (BCC) <p>Mammals</p> <ul style="list-style-type: none"> • Gray wolf (E) • California wolverine (PT)
Wildlife Movement/Corridors	Evans/Tello parcels are largely undeveloped and heavily forested with drainages, thereby providing for wildlife use, movement and dispersal. The site is surrounded by similar habitat that provides similar wildlife movement opportunities, as such the site does not constitute a corridor.	The white oak woodland on the parcels provides opportunities for wildlife movement. The site is surrounded by similar habitat that provides similar wildlife movement opportunities, as such the site does not constitute a corridor.
CULTURAL RESOURCES		
Cultural Resources	Cultural resources reports for the project sites are on file with the BIA Pacific Region.	
SOCIOECONOMIC CONDITIONS		
Socioeconomic Characteristics of Siskiyou County	The County’s population is estimated to be approximately 44,688 and is projected to remain stable in the coming decades. The population of Siskiyou County is approximately 79 percent white, 11 percent Hispanic, 3 percent American Indian, 1 percent Asian, 1 percent black, and 5 percent multi-race. Over the next few decades, the Hispanic and Asian populations are expected to increase, the white population is expected to decrease, and American Indian and black populations are expected to stay even.	

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
Socioeconomic Characteristics of Siskiyou County (Cont.)	<p>Siskiyou County's housing consists primarily of single-family homes, which account for 72 percent of 24,026 total housing units. The average household has 2.3 persons.</p> <p>As of November 2018, Siskiyou County's unemployment rate was 5.1 percent, above the state's average jobless rate of 4.0 percent.</p>	
TRANSPORTATION AND CIRCULATION		
Roadway Network	<p>State Route 96 (SR-96) provides primary access to Happy Camp and the two proposed project sites. The highway has an acceptable Level of Service (LOS) (A).</p> <p>Several roads provide local access to the project sites. Most of these roads have light traffic, and the LOS of these roads is B or better; however, one exception – Davis Road – which would provide indirect access to the Indian Meadows project site, functions at LOS F.</p>	<p>Oberlin Road provides primary access to the Oom site. Additional access is provided by connector roadways (Campbell Avenue, Comstock Drive, and Apsuun) and residential streets. These roads all perform at acceptable LOS (C or better) with the exception of two segments of East Oberlin Road that perform at LOS F and one segment of Campbell Avenue that performs at LOS D.</p>
Pedestrian and Bicycle Facilities	There are limited pedestrian facilities and no dedicated bicycling facilities in Happy Camp.	There are limited pedestrian facilities and no dedicated bicycling facilities near the Oom parcels.
Transit Service	Bus service is provided between Happy Camp and Yreka but is not provided within Happy Camp.	Bus service is provided with the City of Yreka. The closest bus stop is 0.5 mile from the Oom site.
LAND USE AND AGRICULTURE		
Land Use	<p>The subject properties are located within the unincorporated community of Happy Camp.</p> <p>The Skyline/Hillside properties are undeveloped and are approximately 1,300 feet from existing Karuk trust lands. Previous land uses include mining and log storage. Surrounding land uses include: Happy Camp Elementary School, Klamath National Forest/Klamath River, and residential and commercial properties.</p> <p>Evans/Tello property is comprised of three adjoining parcels and is contiguous with existing Karuk trust lands. The parcels are primarily forested and undeveloped.</p>	<p>The Oom project site is comprised of two parcels. The Oom parcel is located with unincorporated Siskiyou County and is contiguous with existing Karuk trust lands. The Oom Road Entrance parcel is located within the City of Yreka.</p> <p>The parcels are undeveloped woodland and chaparral. Surrounding land uses include: undeveloped land and residential development.</p> <p>The Oom parcel is zoned Non-Prime Agricultural District (Siskiyou County). The Oom Road Entrance parcel is zoned Single Family Residential (City of Yreka).</p>

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
Land Use (Cont.)	<p>Grayback Road and two utility corridors cross the property. Surrounding land uses include: undeveloped land and rural residences, Klamath National Forest, and an existing residential neighborhood.</p> <p>The properties are zoned Rural Residential Agricultural District (Siskiyou County).</p>	
Agriculture	There are no Williamson Act Contracts on the project parcels. No unique, statewide important, or locally important soils are located on the project sites.	
PUBLIC SERVICES		
Water Supply	The Happy Camp Community Services District provides water supply to the village of Happy Camp. HCCSD obtains water from two diversions on Elk Creek, a tributary of the Klamath River located south of Happy Camp.	<p>The City of Yreka provides potable water within the City Limits. The City obtains all its municipal water supply from Fall Creek, a tributary of the Klamath River located 22 miles northeast of the city.</p> <p>Potable water from the City's system may not be delivered beyond the City Limits. The Oom site is located directly adjacent to, but outside of, the City Limits. Accordingly, the City of Yreka's water right permits would need to be amended to expand the place of use to include the Oom parcel.</p>
Wastewater Service	Wastewater service in Happy Camp is provided by the Happy Camp Sanitary District, which operates a treatment plant 1.5 miles southwest of Happy Camp.	The City of Yreka provides wastewater service within the City Limits. The Tribe currently operates a lift station on Apsuun Road that connects to the City's six-inch sewer main in Apsuun Road. The City's wastewater treatment plant is located on the north side of the city.
Solid Waste	Curbside pick-up is operated by Happy Camp Disposal Services. All solid waste is sent to the Dry Creek Landfill in Eagle Point Oregon, which has a projected operation life of over 100 years.	Curbside pick-up is operated by Yreka Transfer, LLC. All solid waste is sent to the Dry Creek Landfill.
Electricity, Natural Gas, and Telecommunications	Electricity service in the region area is provided by Pacific Power. There is no natural gas service in the project area; instead, propane tanks are used. Siskiyou Telephone provides telephone and internet service in the Happy Camp area. AT&T and Northland currently provides telephone and internet service to the Yreka area.	

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
Law Enforcement	The Siskiyou County Sheriff's Department provides general public safety and law enforcement on the Karuk Tribe's trust lands in Happy Camp.	The Yreka Police Department provides general public safety and law enforcement on the Karuk Tribe's trust lands in Yreka.
Fire Protection/ EMS	<p>In the Happy Camp area, fire protection is provided by the Happy Camp Fire Protection District. The Klamath National Forest provides fire protection for the National Forest lands surrounding Happy Camp.</p> <p>The Happy Camp Volunteer Ambulance Service serves the Happy Camp community. Minor emergencies are accepted at the Karuk Tribe Clinics during office hours in Happy Camp and Yreka. All other emergencies are directed to the Fairchild Medical Center in Yreka.</p>	The Yreka Fire Department provides fire protection service and EMS within the city. The Yreka Fire Department has a mutual aid agreement with the California Department of Forestry and Fire Protection (Cal-Fire) to serve outlying areas.
NOISE AND VIBRATION		
Noise and Vibration	<p>The noise environment of the Skyline/Hillside properties is defined by traffic on the Klamath River Highway and other local streets. The Happy Camp Elementary School and associated sports fields, River Park, and surrounding residential uses contribute to the noise environment and are also considered noise sensitive land uses.</p> <p>The noise environment of the Evans/Tello properties are defined by traffic on Grayback Road and Indian Meadows Drive and by the residential neighborhood located on these roads. Noise sensitive land uses within the area include residences and the Assembly of God church located on Indian Meadows Drive.</p> <p>The Siskiyou County General Plan Noise Element identifies a maximum exterior noise level of 60 Ldn.</p>	<p>The noise environment of the Oom site is characterized by traffic on Apsuun Road and rural residences in the area. Noise sensitive land uses within the area consist of rural residences to the north, south and east.</p> <p>The Yreka General Plan Noise Element identifies a maximum exterior noise level of 60 Ldn, however an exterior noise level of up to 65 dB Ldn may be allowed provided that available exterior noise level reduction measures have been implemented and interior noise standard of 45 Ldn is met.</p>

TABLE 3-1 (Cont.)
SUMMARY OF AFFECTED ENVIRONMENT

Resource	Happy Camp Sites	Yreka/Oom Site
HAZARDOUS MATERIALS		
Hazardous Materials	A Phase I was performed by Hillary Renick, Environmental Protection Specialist with the Pacific Region BIA. No hazardous materials were identified on the subject parcels.	
	A search of available environmental database was conducted by Environmental Data Resource, Inc (EDR). Eight hazardous material sites were identified within one-half mile of the Skyline/Hillside properties, and three hazardous material sites were identified within one-half mile of the Evans/Tello properties. None of these sites poses an apparent risk to the subject parcels.	A search of available environmental database was conducted by EDR. Two hazardous material sites were identified within one-half mile of the Oom properties. None of these sites poses an apparent risk to the subject parcels.
VISUAL RESOURCES		
Visual Resources	<p>Evans I and Evans II properties are characterized by steep forested slopes. The Tello property is gently sloping with mature trees and grass understory. The surrounding area is a mixture of open space and rural residential development.</p> <p>Skyline/Hillside properties are gently sloping with a steeper slope along Hillside Drive. Vegetation in the northwest corner near Hillside Drive is pine-fir forest with the remainder of the site being grassland, blackberry brambles and willow thickets. The surrounding area is a mixture of open space and residential and commercial development.</p>	The visual character of the Oom property is defined by rolling woodland and chaparral covered hillsides. The Oom Entrance Road parcel is gently sloping, and an unpaved driveway crosses the site. Scattered oak trees and an overhead utility lines further define the visual character. The surrounding area is a mixture of open space and rural residential development.

SECTION 4.0

ENVIRONMENTAL CONSEQUENCES

In this section, environmental consequences are described for the Proposed Action and the No Action Alternative.

4.1 LAND RESOURCES

4.1.1 PROPOSED ACTION

TOPOGRAPHY

Yreka/Oom Site

Development of the new residential homes and roadway would involve grading and the cutting and filling of slopes. These activities are not anticipated to result in significant impacts to topography. The homes and roadway would be located in areas of the Project site with gentle to moderate (0 – 20 %) slopes. No construction would occur in the southeastern portion of the site that has steeper (over 25%) slopes. Accordingly, cut and fill slopes are expected to be less than 10 feet in elevation and restricted to the immediate areas around the homes and road. Construction of the homes and road would have a less-than-significant effect to topography.

Happy Camp Sites

Development of the Skyline residential project would require moderate grading to extend the proposed roadway from Hillside Road to the residential lots. Hillside Road is approximately 20 feet higher in elevation than the residential lots and a portion of the existing slope is a steep embankment. Grading for the roadway would cut the top of the existing bank and fill the toe of the slope. Cuts along the roadway would remove approximately three feet of elevation, while filled areas would be approximately six feet deep at maximum. Minimal grading of the residential lots would be required because the area was graded to accommodate previous land uses. Construction of the Skyline residential project would have a less-than-significant effect to topography.

The Indian Meadows site would require moderate grading to extend the proposed roadway from Indian Meadows Drive to the residential lots, and to create building pads for the homes. Most of the existing site is moderately sloping (7 to 20% slopes), with steeper slopes (over 20%) along the eastern edge along Grayback Road. Cut and fill slopes up to 10 feet in elevation would be required for the roadway and cul-de-sac. The building pads would require cut slopes up to 15 feet in elevation and fill slopes up to 10 feet

in elevation. Grading would be limited to areas adjacent to the homes and roadway and would not alter the topography along Grayback Road or Indian Meadows Drive. Construction of the Indian Meadows residential project would have a less-than-significant effect to topography.

GEOLOGY AND SOILS

Geology

Geology of the Project sites consists of sedimentary rocks such as slate, greywacke, argillite, chert, sandstone and mudstone. The grading activities will be required for the formation of building pads and roadways and excavations deeper than three feet have the potential to encounter weathered and unweathered bedrock. However, no unstable geologic units or steep slopes have been identified on the sites that could present a landslide or subsidence hazard. Any fills needed to level building sites would be engineered and compacted to provide as stable foundation. All construction, including fill and foundation work would comply with the California Building Code (CBC). Due to the stable geology of the project sites, compliance with the CBC, and avoidance of the steep slopes, geological hazards are expected to be less than significant.

Soils

Construction can lead to soil erosion as unprotected soils are eroded by stormwater runoff. Soils on the Happy Camp sites are gravelly loams with moderate to high erosion hazard. Soils on the Oom project site in Yreka are sandy loams with moderate to high erosion hazard. To ensure the reduction in soil erosion potential, the steeper slopes on the project sites would be avoided; these steeper areas include the southeast corner of the Oom parcel and the eastern edge of the Indian Meadows site. Grading of the Skyline project site will reduce erosion potential at the steep bank of the Hillside parcel where the roadway would be constructed. As described in Section 2, all disturbed areas would be revegetated, and all cut slopes would have a slope ratio of 1.5 to 1 (horizontal to vertical) or flatter, and fill slopes would have a slope ratio of 2 to 1 or flatter. These standards would ensure that slopes are stable and would be revegetated, thereby minimizing long-term erosion potential.

The disturbance footprint of each project site would exceed the one-acre threshold that triggers the National Pollutant Discharge Elimination (NPDES) requirement to prepare and implement a storm water pollution prevention plan (SWPPP). In compliance with the NPDES requirements, appropriate erosion-control measures would be incorporated into the SWPPP and implemented during site grading and construction. These measures would include but are not limited to control of surface flows over exposed soils and use of sediment traps such as straw wattles and silt fencing. The Tribe would submit an application for a NPDES General Permit for Construction Activities issued by the EPA (Region IX) and adhere to all guidelines therein.

Based on avoidance of steep slopes, incorporation of slope design and revegetation standards, and implementation of SWPPP erosion control measures, potential soil erosion effects are expected to be less than significant.

SEISMICITY

The project sites are in a region that is distant from known, active faults and is subject to infrequent and lower levels of seismic shaking. While the proposed homes and roadways could be subject to future seismic activity, only improperly designed and/or constructed structures could be subject to damage from seismic activity. As identified in Section 2, all homes and road/utility improvements would be constructed in compliance with building code standards applicable in unincorporated Siskiyou County at the time of construction, including the seismic design standards of the California Building Code. Accordingly, the homes and roadways would be designed and constructed to withstand seismic shaking. Therefore, seismic shaking hazards are expected to be less than significant.

MINERAL RESOURCES

Construction of new homes and roadway would not result in the loss of any mineral resources. The only mineral extraction that occurs near the project sites is recreational gold panning in local creeks and rivers. No known mineral resources are found within the project sites; therefore, no significant impacts would result.

PALEONTOLOGICAL RESOURCES

Geology of the project sites consists of sedimentary rocks such as slate, greywacke, argillite, chert, sandstone and mudstone. These rocks have the potential to contain fossil remains. Grading activities required for the formation of building pads and roadways on the project sites would require excavations deeper than three feet and would therefore have the potential to encounter un-weathered bedrock with intact fossil remains. This potentially significant impact would be reduced to a level of insignificance by implementing inadvertent discovery measures as identified in **Section 5**.

4.1.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the project sites. No homes would be developed and no land clearing or grading would occur on the site. The topography, geology, soils, mineral resources and paleontological resources would not be affected. No land resource impacts would occur.

4.2 WATER RESOURCES

4.2.1 PROPOSED ACTION

SURFACE WATER AND DRAINAGE

Happy Camp Site

The construction of homes and roadways at the Skyline and Indian Meadows project sites would increase impervious surfaces, and have the potential to increase stormwater runoff during wet weather events. Increases in the peak flow of runoff could impact adequate drainage on the project sites, or contribute to drainage and erosion hazards downstream. To address the runoff from the development, surface runoff from the proposed roadways would be collected by a drop inlets and flow to infiltration systems. These drainage systems would allow for the infiltration of stormwater from the roadway while removing pollutants by adsorption to soil particles. Some of the runoff from the roofs and other impervious surfaces around the homes would be collected within the roadway and directed to the infiltration system; other runoff would be dispersed and would not represent a substantial increase over existing conditions. Based on the avoidance of steep slopes, and incorporation of infiltration systems, potential drainage effects would be less than significant.

Yreka/Oom Sites

The development of the homes and roadway at the Oom site would increase impervious surfaces that have the potential to increase peak flow from the site during wet weather events. To offset the impervious conditions, bioswales would be constructed to treat 100% of the equivalent net increase impervious area of the roadway. The bioswales would reduce site runoff into the adjacent drainage and ensure a reduction in mobile pollutants and sediments. Some of the runoff from the roofs and other impervious surfaces around the homes would be collected in the bioswales along the roadway; other runoff would be dispersed and would not represent a substantial increase over existing conditions. Based on the avoidance of steep slopes, and incorporation of bioswales, potential drainage effects would be less than significant.

FLOODING

All development areas are outside of the FEMA designated flood zone, with a less than 0.2% chance of annual flooding and the increased stormwater discharge from the Project sites is not expected to be significant. The development of the homes and roadways are not expected to increase the likelihood of either an on-site or off-site flooding event. Potential flooding effects would be less than significant.

GROUNDWATER

Happy Camp Site

Water delivery to the homes would be provided by the Happy Camp Community Services District (HCCSD), under its Memorandum of Agreement with the Karuk Tribe (**Appendix C**). The HCCSD water system is supplied only by surface water; therefore, water delivery to the Project site would not affect groundwater resources. Wastewater service for the Skyline and Indian Meadows project sites would be provided by the Happy Camp Sanitary District (HCSD) under its Memorandum of Agreement with the Karuk Tribe (**Appendix D**). No on-site wastewater treatment and disposal would occur. Incorporation of stormwater infiltration systems in the site designs would ensure that no significant changes in groundwater infiltration rates would occur on the project sites. Therefore, a less-than-significant effect on groundwater is expected.

Yreka/Oom Sites

Water supply for the Oom Residential Development would be provided by the City of Yreka. The City of Yreka obtains its water from surface supplies (City of Yreka, 2011). Wastewater service for the Oom development would also be provided by the City of Yreka. No on-site wastewater treatment and disposal would occur. Incorporation of bioswales in the site design would ensure that no significant changes in groundwater infiltration rates would occur on the project site. Therefore, a less-than-significant effect on groundwater is expected.

WATER QUALITY

The potential for soil erosion and impacts on water quality are greatest during construction, when removal of vegetation for initial clearing, grubbing, and grading activities exposes soil and makes it more susceptible to erosion. Because all the project sites are over an acre in size, the Tribe is required to adhere to the provisions of the Clean Water Act. The Tribe would submit an application for a National Pollutant Discharge Elimination System (NPDES) General Permit for Construction Activities issued by the EPA (Region IX) and adhere to all guidelines therein. As required by the Permit, the Tribe would create and implement a Storm Water Pollution Prevention Program (SWPPP), which outlines Best Management Practices (BMP's). An erosion control plan would be developed as part of the final design.

Any construction in or near drainages, swales and wetlands would be undertaken in accordance the SWPPP. If construction is required within Waters of the U.S., the Tribe would first apply to the U.S. Army Corps of Engineers (USACE) for a Section 404 Permit under the Clean Water Act. The 404 Permit would require a Section 401 Water Quality Certification from the U.S. EPA. The Tribe would comply with all permit conditions identified by the USACE and U.S. EPA to prevent any discharges that could adversely impact water quality. Due to the incorporation of these provisions, potential water quality effects would be less than significant.

4.2.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the project sites. No homes would be developed and no land clearing or grading would occur on the site. No surface water or drainage characteristics would be changed and water quality would not be affected. No water resource impacts would occur.

4.3 AIR QUALITY/GREENHOUSE GAS

4.3.1 PROPOSED ACTION

CONSTRUCTION PHASE EFFECTS

Construction of the proposed residential developments would result in the temporary generation of emissions resulting from excavation, grading, material hauling, and worker trips. Fugitive dust, the dominant source of PM10 and PM2.5 emissions, is generated when vehicles and equipment disturb soil and other friable materials. Uncontrolled dust from construction can become a nuisance and potential health hazard to those living and working nearby. Off-road construction equipment is often diesel-powered and can be a substantial source of NOx emissions, in addition to PM10 and PM2.5 emissions. Worker commute trips and asphalt paving are dominant sources of ROG emissions. Such air quality effects generally would be temporary and localized.

Construction emissions were estimated using the California Emissions Estimator Model (CalEEMod), version 2016.3.1. The detailed output CalEEMod files generated for this analysis are included in **Appendix F**. The emissions of each of the three residential projects assumes an 8-month construction period starting in March 2018 with all residential sites being built out: 10 homes at the Oom project, 9 homes at the Skyline project, and 7 homes at the Indian Meadows project. This presents the maximum emissions that could occur at one time. Because the Tribe plans to initially build only 4 homes each at the Skyline and Indian Meadows sites and will defer construction of homes at the Oom site until City of Yreka water and wastewater services can be extended, the development of the sites is expected to occur over a wider time period and emissions would likewise be spread over time. The estimated construction emissions for each of the residential projects are summarized in **Table 4.1**.

Because Siskiyou County is classified as attainment or unclassified for all pollutants under the National and State Ambient Air Quality Standards, no air quality plans have been adopted by the regional air quality district. Accordingly, construction emissions do not have the potential to violate air quality standards or any air quality management plans. However, while construction emissions would be short-term and would cease as construction phases are completed, during the initial ground clearing and grading phases when the roadways and initial building pads are constructed, there is the potential for fugitive dust to impact local air quality. With implementation of mitigation measures identified in **Section**

5, which include typical dust management practices during initial earthmoving phases, construction activities would result in a less-than-significant effect on local air quality.

TABLE 4-1
PROPOSED ACTION CONSTRUCTION EMISSIONS (TOTAL TONS)

Residential Project	ROG	NOx	PM2.5	PM10
Oom	0.60	3.12	0.23	0.32
Skyline	0.55	2.72	0.22	0.30
Indian Meadows	0.49	2.81	0.19	0.25
Total	1.64	8.65	0.64	0.87
SOURCE: EDS, 2018; CalEEMod.2016.3.1 (Appendix F)				

OPERATIONAL EFFECTS

Air quality effects associated with the operation of the proposed residential developments would include emissions from vehicle traffic and area sources (e.g., landscape equipment, wood stoves and consumer products). Operational emissions were estimated using CalEEMod program which uses algorithms to determine, by default, trip lengths and distances from land use data in aggregate, including associated delivery truck traffic, vehicle starts, parking, and idling. The software estimates emissions based on the type of land use that is being proposed and includes various emission factors for area sources, such as vehicles, wood stoves, and landscaping equipment. The analysis assumes the full buildout of each of the sites, with a total of 26 homes. The detailed output CalEEMod files generated for this analysis are included in **Appendix F**. The estimated operational emissions for each of the residential projects are summarized in **Table 4.2**. The estimated emissions are typical of residential development and would not adversely impact surrounding land uses. The Proposed Action does not have the potential to violate air quality standards or any air quality management plans. Air quality impacts from operation of the residential developments would be less than significant.

TABLE 4-2
PROPOSED ACTION OPERATIONAL EMISSIONS (TONS PER YEAR)

Residential Project	ROG	NOx	PM2.5	PM10
Oom	0.80	0.58	0.14	0.21
Skyline	0.71	0.46	0.13	0.19
Indian Meadows	0.56	0.40	0.10	0.15
Total	2.07	1.44	0.37	0.55
SOURCE: EDS, 2018; CalEEMod.2016.3.1 (Appendix F)				

NATURALLY OCCURRING ASBESTOS

While Siskiyou County contains geologic units that contain naturally occurring asbestos, the project sites are all located within geologic units that are unlikely to contain bedrock that could contain chrysotile and tremolite, the varieties of serpentine that constitute a potentially harmful form of asbestos. Accordingly, potential health impacts from naturally occurring asbestos would be less than significant.

GREENHOUSE GAS

In accordance with recent guidance from the White House Council on Environmental Quality (CEQ, 2016), greenhouse gas (GHG) emissions have been quantified and are placed in the context of relevant policies for the reduction of GHG emissions.

Construction Emissions

GHGs would be emitted from construction equipment, and worker and vendor vehicle trips associated with the development of the Proposed Action. The California Emissions Estimator Model (CalEEMod) program was used to estimate amount of GHG emissions during the construction process. The CalEEMod program was developed for the California Air Pollution Officers Association (CAPCOA) in collaboration with South Coast Air Quality Management District (SCAQMD) and California Air Districts. CalEEMod utilizes widely accepted methodologies for estimating emissions combined with default data that can be used when site-specific information is not available. Sources of these methodologies and default data include but are not limited to the United States Environmental Protection Agency (USEPA) AP-42 emission factors, California Air Resources Board (CARB) vehicle emission models, studies commissioned by California agencies such as the California Energy Commission (CEC) and CalRecycle.

The estimated construction-related emissions of CO₂e for each of the residential projects are summarized in **Table 4-3**. Most of the emissions are associated with the use of construction equipment, vehicle trips of workers, and energy production required to power tools and equipment.

TABLE 4-3
PROPOSED ACTION CONSTRUCTION GHG EMISSIONS (TOTAL MTCO₂e)

Emission Category	Oom	Skyline	Indian Meadows	Total
Total	370	292	315	977
SOURCE: EDS, 2018; CalEEMod.2016.3.1 (Appendix F)				

Operational Emissions

The proposed residential developments will result in operational GHG emissions. A variety of sources are considered in estimating CO₂e emissions. The largest source is 'mobile' which consists of vehicle trips of residents, followed by 'energy' which includes emissions associated with energy production required to

heat and cool a home. Other sources include ‘area,’ which accounts for woodstoves, landscape equipment, and consumer products; ‘waste,’ which accounts for emissions associated with disposal of solid waste in landfills, and ‘water,’ which accounts for energy associated with the delivery of potable water and the treatment of wastewater. The CalEEMod program uses default values based on representative characteristics for similar land uses. The estimated operational-related emissions of CO₂e for each of the residential projects are summarized in **Table 4-4**.

TABLE 4-4
PROPOSED ACTION OPERATIONAL GHG EMISSIONS (MTCO₂e PER YEAR)

Emission Category	Oom	Skyline	Indian Meadows	Total
Area	15.3	13.7	10.7	39.7
Energy	78.2	70.3	54.7	203.2
Mobile	186.7	162.4	130.7	479.8
Waste	3.6	3.3	2.5	9.4
Water	4.6	4.2	3.2	12.0
Total	288.4	253.9	201.8	744.1
SOURCE: EDS, 2018; CalEEMod.2016.3.1 (Appendix F)				

As described in Section 3.3.2, no numerical significance thresholds are recommended by federal, state or local agencies that apply to GHG emissions in Siskiyou County. Federal agencies have used the 25,000 MTCO₂e recommended as a reference point in CEQ’s draft guidance as a significance threshold. Two air pollution control districts in other parts of California have adopted significance thresholds of 1,100 MTCO₂e for both construction and operation phases. The Proposed Action’s estimated construction emissions of 977 MTCO₂e, and estimated operational emissions of 744.1 MTCO₂e per year fall below these levels.

CEQ’s final guidance recommends consideration of “federal, regional, state, tribal or local plans, policies, or laws for GHG emission reductions or climate adaptation to make clear whether a proposed project’s GHG emissions are consistent with such plans or laws” (CEQ, 2016). As described in Section 3.3.2, the AB 32 is California’s principal policy to address GHG emissions, and the Climate Change Scoping Plan is the policy framework that identifies California’s strategies to meet GHG emission reduction targets. The Scoping Plan provides broad sector-based strategies for reducing GHG emissions, but does not identify specific criteria to evaluate whether individual development projects comply with the State’s strategies. Accordingly, no clear determination can be made regarding the Proposed Action’s consistency with the Scoping Plan and California’s principal climate policy, AB 32. In addition, Siskiyou County and the City of Yreka have not adopted any climate action plans or policies, so a consistency determination with local and regional plans cannot be made. However, the Tribe’s proposed housing developments includes proposed features

that are consistent with recommendations for individual projects identified in the draft 2017 Scoping Plan Update.

The estimated GHG emissions from construction (977 MTCO₂) and operation (744.1 MTCO₂) of the Proposed Action are below significance thresholds that have been used by federal agencies (based on CEQ's draft guidance reference point of 25,000 MTCO₂) and other air quality management districts in California (1,100 MTCO₂). GHG emissions of the Proposed Action are: therefore, considered to be less than significant.

4.3.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the Project site. Because no homes or other land uses would be developed on the site, no construction or operational air quality emissions would be generated on the Project site. No air quality impacts would occur.

4.4 BIOLOGICAL RESOURCES

4.4.1 PROPOSED ACTION

NATURAL COMMUNITIES

Development of the proposed residential projects would result in the removal of existing vegetation on the project sites. Development of the Oom project site would result in direct and indirect impacts to Oregon white oak woodland and birch leaf mountain mahogany chaparral. As identified in **Section 2**, the layout of the homes and driveways will avoid mature oak and juniper trees to the extent feasible. Development of the Skyline project would occur primarily within disturbed areas of Himalayan blackberry brambles and naturalized grassland. Development of the Indian Meadows project would occur within a previously disturbed site with a regenerating ponderosa pine – Douglas fir forest.

The sites are not designated as critical habitat for any threatened and endangered species by the U.S. Fish and Wildlife Service (USFWS). At the Oom project site in Yreka, the closest USFWS designated critical habitat is for Northern Spotted Owl and is located approximately six miles west of the site on upper Greenhorn Creek. In Happy Camp, USFWS designated critical habitat for Northern Spotted Owl is located approximately one mile west and one mile south of the project sites. None of the project sites are protected under local, regional, or state habitat conservation plans. Because the sites are not protected habitat, and the sites are either disturbed or are directly adjacent to existing urban development, which reduces the integrity of the habitat present, impacts to natural communities on the project sites are considered less than significant.

WETLANDS AND WATERS OF THE U.S.

The field surveys identified approximately 2.2 acres of potential Waters of the U.S. within the project sites. A formal wetland delineation has not been conducted and the wetlands have not been verified by United States Army Corps of Engineers (USACE). Most of these wetlands occur on portions of the Evans I property in Happy Camp that would not be developed. However, a potential seasonal wetland swale located on the Tello property in Happy Camp is in an area that could be impacted by the Indian Meadows Residential Development. Likewise, potential seasonal wetlands located along the eastern edge of the Skyline parcel in Happy Camp could be impacted by the Skyline Residential Development. An ephemeral drainage is located in the southwest corner of the Oom parcel in Yreka; however, no development is proposed in this area. If these features are verified as Waters of the U.S. by USACE and if disturbance would occur to Waters of the U.S. within the project site, these features could be significantly impacted. Mitigation measures identified in **Section 5** would reduce potential impacts to a less-than-significant level. These measures include obtaining a Section 404 permit from the USACE and related Water Quality Certification from the USEPA. Specific conditions set by USACE and USEPA would ensure no-net-loss of wetland function and values.

SPECIAL-STATUS SPECIES

No special-status invertebrates, fish, amphibians or reptiles are identified as potentially occurring on the project sites. However, a total of 22 special-status plant, bird and mammal species have the potential to occur on the project sites. These species and the sites where they could potentially occur is summarized in **Table 4-5**.

Plants

No federal special-status plants have been documented within the project sites; however, the federally endangered Gentner's fritillary and Yreka phlox could potentially occur within the Oom parcel and Oom Road Entrance parcel. Mitigation measures are identified in **Section 5** of this EA to reduce the potential for impacts to these special-status plants. These measures include a presence/absence survey for the plants and, if the plants are found on the sites, establishment of avoidance zones and consultation with the USFWS. The implementation of these mitigation measures would reduce impacts to a less-than-significant level.

Birds

Suitable nesting habitat for 17 federal special-status birds is present within the project site. These include: bald eagle, Swainson's hawk, marbled murrelet, flammulated owl, burrowing owl, northern spotted owl, rufous hummingbird, Calliope hummingbird, Lewis's woodpecker, Williamson's sapsucker, white-headed woodpecker, olive-sided flycatcher, loggerhead shrike, oak titmouse, purple finch, green-tailed towhee, and fox sparrow. If present, the Proposed Action could result in harassment to nesting individuals and may temporarily disrupt foraging activities. In addition to the above-listed special-status birds, all native

birds, including raptors, are protected under the federal Migratory Bird Treaty Act. Mitigation measures are identified in **Section 5** of this EA to reduce the potential for impacts to these special-status birds.

TABLE 4-5
POTENTIAL SPECIAL-STATUS SPECIES OCCURANCE

Special-Status Species	Yreka	Happy Camp	
	Oom	Evans/Tello	Skyline/Hillside
Plants			
Gentner's fritillary	X		
Yreka phlox	X		
Birds			
Bald eagle		X	X
Swainson's hawk	X		
Marbled murrelet		X	
Flammulated owl		X	
Burrowing owl	X		
Northern spotted owl		X	
Rufous hummingbird	X	X	X
Calliope hummingbird	X	X	X
Lewis's woodpecker	X	X	X
Williamson's sapsucker	X	X	X
White-headed woodpecker		X	X
Olive-sided flycatcher	X	X	X
Loggerhead shrike	X		
Oak titmouse	X		
Purple finch	X	X	X
Green-tailed towhee	X	X	X
Fox sparrow	X	X	X
Mammals			
Gray wolf	X	X	
California wolverine	X	X	
Pacific fisher		X	
SOURCE: EDS, 2018; ECORP Consulting, 2017 (Appendix G)			

These measures include a pre-construction nesting survey and establishment of buffers around nests, if found. The implementation of these mitigation measures would reduce impacts to a less-than-significant level.

Mammals

Three federal special-status mammals could potentially occur within the project sites: gray wolf, California wolverine, and fisher. Although these species have the potential to be present within the

Evans/Tello and Oom properties, they are unlikely to establish territories within the properties due to the degree of human presence. To ensure that these species are not impacted, a pre-construction clearance survey for den sites is identified as a mitigation measure in **Section 5**. The implementation of this mitigation measure would reduce impacts to a less-than-significant level.

WILDLIFE MOVEMENT/CORRIDORS

As described in **Section 3**, the because the project sites are either in developed areas or are surrounded by similar habitat, none of the sites function as wildlife corridors. The Proposed Action is not expected to significantly affect wildlife movement and/or wildlife corridors.

4.4.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the project sites. No homes would be developed and no land clearing would occur on the site. No biological resources would be impacted by the No Action Alternative.

4.5 CULTURAL RESOURCES

4.5.1 PROPOSED ACTION

There are no historic properties, or cultural resources within the project sites. Development of the proposed homes and roadways would not impact any known cultural resources. However, there remains the potential to encounter buried archaeological resources during construction activities. With the implementation of mitigation measures identified in **Section 5.0** (i.e., standard procedures for the unanticipated discovery of archaeological or human remains), impacts to cultural resources would be less than significant.

4.5.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the project sites. Because no homes or other land uses would be developed on the site, no cultural resources would be impacted.

4.6 SOCIOECONOMIC CONDITIONS

4.6.1 PROPOSED ACTION

POPULATION AND HOUSING EFFECTS

The Proposed Action would result in a beneficial housing impact as it would expand the Karuk Tribe's existing trust lands and provide needed affordable housing for tribal members. Tribal members would be

able to relocate to the residential developments and the Tribe would be able to exercise sovereignty over the land. The provision of up to 26 homes and relocation of tribal members would have no appreciable impact on the housing market as there are approximately 24,000 homes in Siskiyou County. No significant changes in population would occur, as tribal members would only be relocating from the surrounding area.

SCHOOL AND SERVICE FUNDING EFFECTS

The Proposed Action would result in a decrease in the local property tax base due to the transfer of the parcels into federal trust status. The total amount of property taxes (including voter approved bonds and fixed charge assessments) paid by the Tribe for the 2016/2017 tax year for the seven parcels was \$5,132.22. The reduction in property taxes would result in a negligible change in the County's ability to finance services. The County's 2016/2017 Budget is approximately \$122 million of which approximately \$10 million is property tax revenue (Siskiyou County, 2016a). It should be noted that services funded by the County, including law and justice, health and human services and general government are also services provided by the Tribe, through the Karuk Tribal Court, the Karuk Tribe Health Program, Child and Family Services, Housing Authority, and Tribal Temporary Assistance for Needy Families (TANF) Program. In addition, the Tribe has agreements with service providers whereby the Tribe provides in-lieu tax and fee payments for services provided. Within Siskiyou County, the Tribe has service agreements with the City of Yreka, Happy Camp Community Services District, Happy Camp Fire Protection District, and Happy Camp Sanitary District.

However, because the proposed homes would likely house families with children, adequate school funding would be needed to avoid adverse financial strain on public education funding. Due to the federal trust status, the development of the homes would not be subject to the one-time developer fees and annual property taxes that helps fund the local schools. The Proposed Action could therefore increase enrollment in the local school districts serving the area without contributing developer fees or property taxes. Potential schools and school districts affected include the Yreka Union School District, which provides kindergarten through 8th grade education, the Happy Camp Elementary School (K-8th grade), the Siskiyou Union High School District, which provides high school education in Happy Camp, and the Yreka Union High School District. Payment of in-lieu school developer fees and property taxes to the affected districts would provide the resources needed to mitigate effects that may occur from the development of the Proposed Action. With implementation of this measure, identified in **Section 5.0**, impacts to local education funding would be less than significant.

ENVIRONMENTAL JUSTICE

On February 11, 1994, President Clinton issued Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations," and an accompanying Presidential Memorandum to focus Federal attention on the environmental and human health conditions in minority communities and low-income communities. The Executive Order, as amended, directs Federal

agencies to develop an Environmental Justice Strategy that identifies and addresses disproportionately high human health or environmental effects of their programs, policies, and activities on minority populations and low-income populations. Compliance with this Executive Order has been incorporated into the NEPA compliance requirements of the BIA for the Proposed Action.

The Oom project site is located within Block Group 2 of Census Tract 7.02, which the 2015 American Community Survey reports as 67 percent white, 9 percent American Indian, 8 percent Hawaiian/pacific islander, 4 percent black, 3 percent Asian, and 9 percent other races. The estimated 2015 median household income for the block group was \$20,956. The Happy Camp project sites are located within Block Group 2 of Census Tract 5, which the 2015 American Community Survey reports as 56 percent white, 26 percent American Indian, 7 percent Asian, 1 percent black, and 10 percent other races. The estimated 2015 median household income for the block group was \$21,595. For comparison, the 2015 median household income was \$37,170 for Siskiyou County and \$61,818 for California (US Census, 2016).

The Proposed Action would directly benefit tribal members by providing needed affordable housing. The proposed housing would be compatible with adjacent housing developments. The only potential adverse environmental effects are short-term construction-related impacts. Mitigation measures have been identified in Section 5, that will ensure that all construction-related impacts would be less than significant. The surrounding community would not be adversely impacted by the Proposed Action. Accordingly, no minority or low-income populations would be adversely impacted.

4.6.2 NO ACTION ALTERNATIVE

Under the No Action Alternative, the Project site would not be taken into federal trust for the benefit of the Tribe and no homes or other land uses would be developed on the site. The Tribe would not benefit from the development of the proposed housing units or the ability to exercise complete sovereignty over the Project site. There would be no population and housing effects related to Lake County and surrounding jurisdictions. The Tribe would continue to experience a housing shortfall for its members, and the ability to allow tribal members to come back and live on Tribal land would be limited by the Tribe's inability to provide adequate housing. The seven parcels would not be removed from the Siskiyou County tax roll, and no reduction in the County's property tax revenue would occur. No environmental impacts would occur, nor would any minority or low-income populations be adversely impacted. No socioeconomic impacts would occur.

4.7 TRANSPORTATION AND CIRCULATION

4.7.1 PROPOSED ACTION

METHODOLOGY

Potential impacts to levels of service on local roadways are analyzed for daily conditions. The amount of project traffic is calculated and the distribution of this traffic onto local roadways is estimated. The amount of project traffic added to existing estimated traffic levels is used to evaluate the potential for traffic impacts. Because the proposed residential developments each have 10 units or less, detailed traffic modeling is not warranted.

Project Trips

The traffic analysis focuses on impacts to the roads providing access to the following three proposed residential developments:

Oom (Yreka): Ten proposed single-family homes, all would be constructed in the short term.

Skyline (Happy Camp): Nine proposed single-family homes, four of which would be constructed in the short term.

Indian Meadows (Happy Camp): Seven proposed single-family home, four of which would be constructed in the short term.

Traffic analysis is not conducted for other adjacent fee-to-trust parcels with no proposed housing since trips to those parcels is assumed to be either non-existent or negligible.

Project Trip Generation

Trip generation was established for the three proposed subdivisions using trip generation rates and characteristics as included within the Institute of Transportation Engineers (ITE) Trip Generation, 9th Edition - land use code 210 - single family detached housing. **Table 4-6** provides a summary of trips which are projected to be generated from the three proposed subdivisions.

TABLE 4-6
PROPOSED PROJECT TRIP GENERATION

Project (Subdivision - Location - Scenario)	Size (du's)	Daily 9.57 trips/du 100% TOTAL	AM Peak Hour 0.75 trips/du				PM Peak Hour 1.00 trips/du					
			25%	+	75%	=	100%	63%	+	37%	=	100%
			IN		OUT		TOTAL	IN		OUT		TOTAL
NEAR TERM												
OOM (Yreka)	10	96	2	+	6	=	8	6	+	4	=	10
SKYLINE (Happy Camp)	4	38	1	+	2	=	3	3	+	1	=	4
INDIAN MEADOWS (Happy Camp)	4	38	1	+	2	=	3	3	+	1	=	4
HAPPY CAMP SUB-TOTAL	8	76	2	+	4	=	6	6	+	2	=	8
GRAND TOTAL	18	172	4	+	10	=	14	12	+	6	=	18
CUMULATIVE												
OOM (YREKA)	10	96	2	+	6	=	8	6	+	4	=	10
SKYLINE (Happy Camp)	9	86	2	+	5	=	7	6	+	3	=	9
INDIAN MEADOWS (Happy Camp)	7	67	2	+	4	=	6	4	+	3	=	7
HAPPY CAMP SUB-TOTAL	16	153	4	+	9	=	13	10	+	6	=	16
GRAND TOTAL	26	249	6	+	15	=	21	16	+	10	=	26
SOURCE: Larry Wymer & Associates Traffic Engineering, 2017												

For Near Term conditions, a total of 18 dwelling units are proposed (10 at Oom, 4 at Skyline, and 4 at Indian Meadows), which are projected to generate and distribute 172 daily trips, 14 AM peak hour trips, and 18 PM peak hour trips. These project trips are distributed among the 3 proposed residential developments as follows:

Oom (Yreka): Ten dwelling units (96 daily trips; 8 AM peak hour trips; 10 PM peak hour trips)

Skyline (Happy Camp): Four dwelling units (38 daily trips; 3 AM peak hour trips; 4 PM peak hour trips)

Indian Meadows (Happy Camp): Four dwelling units (38 daily trips; 3 AM peak hour trips; 4 PM peak hour trips)

For Cumulative Build Out conditions a total of 26 dwelling units are proposed (10 at Oom, 9 at Skyline, and 7 at Indian Meadows), which are projected to generate and distribute 249 daily trips, 21 AM peak hour trips, and 26 PM peak hour trips. These project trips are distributed among the 3 proposed residential developments as follows:

Oom (Yreka): Ten dwelling units (96 daily trips; 8 AM peak hour trips; 10 PM peak hour trips)

Skyline (Happy Camp): Nine dwelling units (86 daily trips; 7 AM peak hour trips; 9 PM peak hour trips)

Indian Meadows (Happy Camp): Seven dwelling units (67 daily trips; 6 AM peak hour trips; 7 PM peak hour trips)

The traffic analysis assumes buildout of all proposed residential lots for both Existing and Cumulative conditions.

Project Trip Distribution and Assignment

Project trips were distributed along surrounding roadways based on reasonable assumptions given the locations of surrounding trip generation productions/attractions (i.e. population centers). The Oom site plan includes a northern access road that may connect to Sandpiper Court in the future. While this future access is uncertain, because it would only occur if the Tribe eventually purchases the parcel located between the Oom parcel and the Oom Entrance Road parcel, the trip distribution assumes that this would be in use to provide full disclosure of potential impacts.

Project Volumes

Using trip distribution and assignment assumptions, project volumes generated by the three proposed subdivisions were assigned to surrounding roadways, as outlined within **Table 4-7**.

IMPACTS

Existing Plus Project - Operations

The following four roadway segments are projected to operate at deficient levels of service (LOS D or worse) with or without the Proposed Action. The amount of daily and peak-hour traffic added by the project to each roadway segment is noted. LOS calculations are provided in **Appendix H**.

TABLE 4-7
PROJECT TRIP DISTRIBUTION

Roadway	Trip Distribution/Assignment		
	Daily	AM Pk Hr	PM Pk Hr
Yreka			
Sandpiper Court - North project access to Swallow Cir	48	4	5
- Swallow Cir to Bluebird St	24	2	3
- Bluebird St to Campbell Rd	19	1	2
Swallow Circle - Sandpiper Ct to Dove Ln	24	2	3
Apsuun Road - Oak Tree Ct to Dove Ln	48	4	5
Bluebird Street - Sandpiper Ct to Dove Ln	5	1	1
Dove Lane - Swallow Cir to Bluebird St	72	6	7
Dove Lane - Bluebird St to Campbell Rd	77	7	8
Comstock Drive - South of Campbell	29	2	3
Campbell Avenue - Sandpiper Ct to Dove Ln	19	1	2
- Dove Ln to Comstock Dr	96	8	10
- Comstock Dr to East Oberlin Dr	67	6	7
East Oberlin Drive - West of Campbell Rd	86	7	9
- Campbell Rd to Comstock Dr	19	1	2
- East of Comstock Dr	10	1	1
Happy Camp			
Hillside Road - Project access to SR-96	86	7	9
Indian Meadows Drive - Project access to Indian Creek Rd	67	6	7
Indian Creek Road - Indian Meadows Dr to Jacobs Way	68	6	7
- Jacobs Way to Davis Rd	55	5	6
- Davis Rd to 2nd Ave	34	3	4
- 2nd Ave to SR-96	10	1	1
Jacobs Way - Indian Creek Rd to SR-96	13	1	1
Davis Road - Indian Creek Rd to SR-96	30	3	4
2nd Avenue - Indian Creek Rd to SR-96	24	2	3
SR-96 - North of Jacobs Way	33	3	4
- Jacobs Way to Davis Rd	20	2	3
- Davis Rd to Reeves Street	44	3	5
- Reeves St to Hillside Rd	46	5	5
- Hillside Rd to 2nd Ave	46	4	6
- 2nd Ave to Indian Creek Rd	36	3	4
- South of Indian Creek Rd	46	4	5
SOURCE: Larry Wymer & Associates Traffic Engineering, 2017			

Yreka:

Campbell Avenue (Dove Lane to Comstock Drive) - (96 daily / 8 AM Peak / 10 PM Peak)
 East Oberlin Road (west of Campbell Road) - (86 daily / 7 AM Peak / 9 PM Peak)
 East Oberlin Road¹ (east of Comstock Drive) - (10 daily / 1 AM Peak / 1 PM Peak)

Happy Camp:

Davis Road (Indian Creek Road to SR-96) - (30 daily / 3 AM Peak / 4 PM Peak)

The following two roadway segments are projected to operation at deficient levels of serve (LOS D or worse) with the Proposed Action. The amount of daily and peak-hour traffic added by the project to each roadway segment is noted.

Yreka:

East Oberlin Road (Campbell Road to Comstock Drive) - (19 daily / 1 AM Peak / 2 PM Peak)

Happy Camp:

Jacobs Way (Indian Creek Road to SR-96) - (13 daily / 1 AM Peak / 1 PM Peak)

Under City of Yreka significant criteria, these roadways are not considered to be significantly impacted since none of the roadways would operate below capacity. Siskiyou County has not adopted significance criteria. The Proposed Action would contribute traffic to Siskiyou County roadways that are projected to operate at LOS D or lower. However, the Proposed Action would contribute a maximum of four trips to peak hour traffic on these roadways (East Oberlin Road, David Road and Jacobs Way). The traffic increase on these County roadways attributed to the project would be 1.3 percent or less. This level of traffic increase is considered to be less than significant.

Pedestrian & Bicycle Facilities

Pedestrian and bicycle traffic destined for, or arriving from, areas surrounding the three proposed project sites would utilize the roadways surrounding the project sites. Since traffic volumes on most streets are low, pedestrian and bicycle traffic are currently accommodated by area roadways. The minor amount of increased pedestrian and bicycle traffic generated by the proposed residential developments would not significantly increase traffic on local roadways. The Proposed Action would not result in significant impacts to pedestrian and bicycle use of area roadways.

¹/ East Oberlin Road east of Comstock Drive is within the Jurisdiction of Siskiyou County.

Transit Service

No transit facilities would be affected by the proposed residential developments. Residents of the proposed developments can be expected to utilize transit services; however, only a modest increase in ridership is expected. The Proposed Action would not result in significant impacts to transit service.

4.7.2 NO ACTION ALTERNATIVE

Existing Plus Project- Operations

There would be no traffic increase under the No Action Alternative. There would be no impact to roadways with selection of the No Project Alternative.

Cumulative Plus Project- Operations

There would be no traffic increase under the No Action Alternative. There would be no impact to roadways with selection of the No Project Alternative.

Pedestrian & Bicycle Facilities

There would be no traffic increase under the No Action Alternative. The No Action Alternative would not impact pedestrian and bicycle facilities.

Transit Service

There would be no traffic increase under the No Action Alternative. The No Action Alternative would not impact transit service.

4.8 LAND USE AND AGRICULTURE

4.8.1 PROPOSED ACTION

LAND USE

Yreka/Oom Site

The Tribe proposes to construct 10 single-family residences on the 20-acre Oom parcel. The proposed residential development would be compatible with the adjacent residential and office land uses. The Oom site is currently zoned Non-Prime Agricultural District by Siskiyou County. This zone provides for up to two homes per lot (without a defined minimum lot size). The Oom site is within the City of Yreka's sphere of influence, which defines the area in which the city may expand in the future. The Oom parcel is located

adjacent to existing Karuk Tribe trust lands, and would be an extension of existing tribal housing located west and south of the site. The Oom Entrance Road parcel was purchased by the Tribe and is included within the fee-to-trust application to preserve a potential future access point from Sandpiper Court. This access would only be developed if the Tribe eventually purchases the parcel located between the Oom parcel and the Oom Entrance Road parcel. An existing unpaved driveway crosses a portion of the project site. The 0.07-acre parcel is zoned Low Density Residential by the City of Yreka. The proposed future use of the parcel as a roadway to provide access to a low-density residential development is consistent with this zoning designation. Because the Oom parcel and Oom Entrance Road parcel would be used for low-density residential uses in an area of existing low-density residential development, no land use conflicts are expected.

The Oom parcel is located within development constraint areas mapped by Siskiyou County. The identified constraints are: Erosion Hazard, Severe Septic Tank Limitations, and Wildfire Hazard. To address erosion hazard, the County requires mitigation measures (e.g. contour grading, channelization, revegetation of disturbed areas) to be incorporated into site planning. The proposed site plan avoids areas of steep slopes, avoids drainages, includes bioswales to convey stormwater flows. In addition, in compliance with the NPDES program, erosion-control measures would be incorporated into a SWPPP and implemented during site grading and construction. The Proposed Action would avoid septic tank limitations by connection to the City of Yreka's sewer system. To address wildfire hazard, the County requires developments to include safe ingress and egress, and to have adequate water supply for fire suppression. The Proposed Action would have roadways that comply with Siskiyou County design standards and would be supplied with hydrants on the City of Yreka's water supply system. With these provisions, the Proposed Action would be consistent with Siskiyou County policies that address potential development constraints.

Happy Camp Sites

The Tribe proposed to construct nine homes within the 4.14-acre Skyline Residential Development, and seven homes within the 5.13-acre Indian Meadows Residential Development. Both of these sites are designated Rural Residential Agriculture, which provides for up to two homes on each lot. There are no minimum parcel sizes within the Skyline project site. The Indian Meadows project site consists primarily of the Evans I parcel, which has minimum parcel size of 5 acres, the remainder of the site (Tello parcel) does not have a minimum parcel size. Both the Skyline and Indian Meadows residential developments are adjacent to existing residential development within the village of Happy Camp. The Skyline project site borders residential development as well as the Happy Camp Elementary School. The proposed residential development would be compatible with these adjacent land uses. The Indian Meadows project site borders an existing residential neighborhood. While the Indian Meadows project site would be developed at a higher density than currently permitted by the Siskiyou County zoning ordinance, the residential density would be consistent with the adjacent residential neighborhood. Inconsistencies with Siskiyou County land use plans and conflicts with surrounding land uses are expected to be less than significant.

AGRICULTURE

As identified in the completed the Farmland Conversion Rating Form (**Appendix I**), the project sites do not contain important agricultural soils, nor have the sites been used for agricultural purposes. The proposed residential developments would not interfere with agricultural uses (primarily home gardening) within the surrounding residential communities. No impacts to agriculture would occur.

4.8.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any changes to land uses on the Project site. Land uses within the surrounding area, including agriculture, would not be impacted. No land use or agriculture impacts would occur.

4.9 PUBLIC SERVICES**4.9.1 PROPOSED ACTION****WATER SUPPLY**Yreka/Oom Site

Potable water for the homes would ultimately be provided by connection to the City of Yreka's municipal water supply system. Connection to the City's water supply would require an amendment of the City's water rights issued by the State Water Resources Control Board to expand the permitted "place of use" to include the Oom parcel. Once this occurs, and with approval of the City of Yreka, a water line would be extended from an existing water line located in Apsuun Road.

The Tribe has an existing agreement (**Appendix B**) with the City of Yreka under which the Tribe installs water facilities and upon completion, the facilities are owned, operated and maintained by the City. Water facilities constructed on the Tribe's trust lands that are part of the City's water supply system include the Karuk Pump Station near Yellowhammer Street (behind the Kahtishraam Wellness Center), a 750,000-gallon reservoir near Apsuun Road, water mains, fire hydrants, and other associated infrastructure. In addition, the Tribe provides annual payments in lieu of property taxes to support services provided to the Tribe's trust lands.

A water meter would be provided to serve each residential unit and fire hydrants installed. All proposed connections would comply with the California Plumbing Code (CPC). The existing Karuk pump station and reservoir serve Apsuun Road, where connection to the City's system would be made. No adverse effects to the City's water system would occur. No individual wells would be used.

Based on water usage data compiled for the City of Yreka (Pace Engineering, 2013; Pace Engineering, 2016), the estimated water demand for each home would be 350 gallons per day (gpd). This translates to

approximately 3.9 acre-feet per year (af/yr). As noted in **Section 3.9**, Yreka has a municipal water supply of 7,799 af/yr. Currently, the City supplies approximately 1,972 af/yr and is expected to supply approximately 2,169 af/yr in 2040. Historically, the City's water supply has been drought resilient, and exposure to future climate change impacts is limited because the existing surface water supply is spring sourced and does not rely on snowmelt. The residents would be required to comply with the City's water conservation regulations during droughts. Impacts to the City's water supply would be less-than-significant once City approvals are in place, and conditions are met.

Happy Camp Sites

Potable water for the homes would be provided by connection to the Happy Camp Community Services District (HCCSD) municipal water supply system. The Tribe has a Memorandum of Agreement with HCCSD by which HCCSD provides water service to the Tribe's trust parcels and the Tribe pays all the regular fees and assessments that it would pay if the parcels remained in the local jurisdiction (**Appendix C**). For the Skyline Development, water service would be extended to the site from an 8-inch water line in Klamath River Highway, replacing a segment of existing 4-inch water line along Hillside Road. A new water line would be installed along Skyline Court with meters installed at each of the 10 lots. Two fire hydrants would also be installed. For the Indian Meadows Development, water service would be extended to the site from an existing water line in Indian Meadows Drive. Approximately 710 feet of new 6-inch water line would be installed along Indian Creek Court with meters installed at each of the residential lots. Two fire hydrants would also be installed.

Using the water demand factor of 350 gpd, the estimated total water demand of the Happy Camp residential developments would be 5,600 gpd or 6.3 af/yr. HCCSD currently provides a peak of approximately 0.9 to 1.0 mgd of its 1.9 mgd permitted amount on a daily basis, and approximately 18 percent of its permitted amount on an annual basis. Currently, HCCSD has adequate water supply and system capacity to serve the proposed Happy Camp developments (Burnett, 2017). Impacts to the HCCSD's water supply would be less than significant.

WASTEWATER SERVICE

Yreka/Oom Site

Wastewater generated by the proposed homes on the Oom site would be conveyed to the City of Yreka's sewer collection system for treatment at the City's wastewater treatment plant (WWTP). The City of Yreka which provides wastewater service to the Tribe's trust lands under a Cooperative Agreement (**Appendix B**). Wastewater generated from the homes would be conveyed via pipeline to an existing six-inch sewer line in Apsuun Road. Wastewater from the City of Yreka is treated at the City's WWTP located at the northern edge of the City on Highway 263. Currently, the WWTP has a dry weather capacity of 1.0 mgd, and an average dry weather inflow of 0.84 mgd (Moore, 2017). Based on the design assumption in the City's Master Sewer Plan, that each single-family home generates 200 gallons of wastewater per day,

the proposed development would generate approximately 2,000 gallons of wastewater per day. The existing dry weather capacity for the City's plant is approximately 160,000 gallons per day. The 2,000 gallons per day represents a minor increase in the current inflow to the WWTP. Wastewater generated by the proposed homes would not exceed the treatment or disposal capacity of the City's wastewater treatment system; no adverse effects would occur.

Happy Camp Sites

Wastewater generated by the proposed homes at the Skyline and Indian Meadows sites would be conveyed to the Happy Camp Sanitary District (HCSD) sewer collection for treatment at the HCSD's wastewater treatment plant (WWTP). HCSD provides sanitary services to the Tribe's trust parcels under a Memorandum of Agreement (**Appendix D**). Wastewater generated from the homes would be conveyed via pipeline to an existing sewer lines. For the Skyline Residential Development, effluent would be collected at on-site storage tank and lift station, which would pump the effluent to an existing sewer line in Hillside Road, where it would flow via a HCSD lift station in Happy Camp to the WWTP. For the Indian Meadows Development, effluent would flow by gravity to the HSCD lift station and pumped to the WWTP. The WWTP has a design capacity of 480,000 gallons per day and an average inflow of 150,000 gallons per day (Tilley, 2017). Based on the household generation rate 200 gallons of wastewater per day, the proposed homes in Happy Camp would generate approximately 3,200 gallons of wastewater per day. This represents a negligible increase in the current inflow to the WWTP. Wastewater generated by the proposed homes would not exceed the treatment or disposal capacity of the HSCD's wastewater treatment system; no adverse effects would occur.

SOLID WASTE SERVICE

Solid waste would be generated during construction of the proposed homes and from the residents who live in the homes. Construction waste may include green waste from vegetation clearing, soil and rock from grading, and general waste of construction materials and packaging. Because the homes would be modular units that are manufactured off-site, construction waste generate on the Project site would be reduced compared to typical on-site home construction. Solid waste and recycling service would be provided to the homes by Siskiyou County General Services Sanitation District. All solid waste generated during construction and by residents would be sent to the Dry Creek Landfill in Eagle Point Oregon. The land fill is not limited in the amount of solid waste it receives on a daily or annual basis. The projected operational life of the facility is over 100 years (Fortier, 2017). The Proposed Action would result in a less-than-significant impact to solid waste service.

ELECTRICITY, NATURAL GAS, AND TELECOMMUNICATIONS

Underground Service Alert (USA) of Northern/Central California and Nevada provides a free "Dig Alert" service to all excavators (e.g. contractors, homeowners, and others) in the region. The excavator's one call will automatically notify all USA members (utility services providers) that might have underground

facilities at the excavator's work site. In response, the USA member(s) will mark or stake the horizontal path of underground facilities, provide information about the facilities, and/or give clearance to dig. This simple safety service protects the excavator from personal injury and prevents underground facilities from being damaged. The Tribe would utilize USA and would coordinate with Siskiyou Telephone, AT&T and Northland regarding any excavation and extension of services to the homes. No adverse utility system effects are expected.

LAW ENFORCEMENT

The Yreka Police Department and Siskiyou County Sheriff's Department currently provide service to Tribal lands, and would provide law enforcement services to the Project site once the site is taken into trust. The addition of 26 homes split between Yreka (10 homes) and Happy Camp (16 homes) would not significantly raise the level of need for law enforcement services. The Proposed Action would result in a less-than-significant impact to law enforcement services.

FIRE PROTECTION/EMS

Fire risks may occur as the result of the Proposed Action during construction and occupation of the homes. The short term construction related effects include the potential fire threat associated with equipment and vehicles coming into contact with wildland areas. Construction vehicles and equipment such as welders, torches, and grinders may accidentally spark and ignite vegetation and building materials. This increased risk of fire during the construction of the proposed facilities would be similar to that found at other construction sites. Mitigation included in **Section 5** (including the use of spark arrestors and staging areas) would reduce the hazard from construction related fires to a less-than-significant level.

The construction of the 26 homes in Yreka and Happy Camp would be undertaken consistent with current building and fire codes as it relates to fire safety. Emergency medical services are provided locally by the Yreka Fire Department, and the Happy Camp Volunteer Ambulance Service. Minor emergencies are accepted at the Karuk Tribe Clinics during office hours in Yreka and Happy Camp. All other emergencies are directed to the Fairchild Medical Center in Yreka. The addition of 26 homes split between the communities of Yreka (10 homes) and Happy Camp (16 homes) would not significantly raise the level of fire protection and emergency medical services. Therefore, the Proposed Action would have a less than significant effect on fire protection and emergency medical services.

4.9.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the Project site. Because no homes or other land uses would be developed on the site, no water or wastewater service or utilities would be extended to the Project site. There would be no increase in demand for law enforcement, fire protection or emergency medical services. No public service impacts would occur.

4.10 NOISE AND VIBRATION

4.10.1 PROPOSED ACTION

CONSTRUCTION NOISE

Noise from construction activities would add to the existing noise environment of the project site and immediate vicinity. Sensitive receptors located near the project sites could be exposed to construction-related noise. At the Oom project site, four homes are within approximately 300 feet of the project site. At the Indian Meadows project site, two homes are within approximately 30 feet of the project site and another 13 are within approximately 300 feet. At the Skyline project site, one business is located within 30 feet of the project site, and approximately nine homes and three other businesses are within 300 feet. The Happy Camp Elementary School buildings are located approximately 300 feet from the project site, while the associated sport and recreation fields are located within 100 feet.

Construction noise levels are rarely steady in nature, but instead fluctuate depending on the number and type of equipment in use at any given time. Noise levels from typical construction equipment are shown in **Table 4-8**. Individual construction activities would generate maximum noise level ranges of 76 to 90 dBA at a distance of 50 feet. Where more than one noise source is operating, the combined noise level could reach a maximum of 93 dBA at a distance of 50 feet. The terrain surrounding the project sites is vegetated and provides acoustically soft sites, which would attenuate noise at about 7.5 dBA per doubling of distance. As a result, maximum noise levels are expected to attenuate to approximately 78 dBA at 200 feet.

In addition, noise would be generated by increased truck traffic on area roadways during the grading and construction phases, associated with the transport of equipment and materials to and from the project sites. Sensitive receptors immediately surrounding the project site, and near local roadways, could be exposed to high levels of noise during construction hours. Implementation of mitigation measures identified in **Section 5**, which include restricting the hours of construction, locating fixed equipment away from sensitive receptors, and requiring mufflers and shields on equipment, would ensure less-than-significant noise impacts.

CONSTRUCTION VIBRATION

Development of the residential developments would result in typical construction-related vibration. **Table 4-9** shows vibration levels from typical construction equipment.

TABLE 4-8
TYPICAL CONSTRUCTION EQUIPMENT NOISE LEVELS

Type of Equipment	Maximum Level (dBA at 50 feet)
Air Compressor	78
Backhoe	78
Compactor	83
Concrete Saw	90
Dozer	82
Dump Truck	76
Excavator	81
Generator	81
Jackhammer	89
Pneumatic Tools	85
Source: FHWA, 2006	

TABLE 4-9
VIBRATION LEVELS OF TYPICAL CONSTRUCTION EQUIPMENT

Activity	Peak Vibration Levels (In/Sec PPV) at 25 ft.
Vibratory roller	0.210
Large bulldozer	0.089
Loaded truck	0.076
Source: Caltrans, 2013	

The nearest off-site receptors are two homes located within approximately 30 feet of the Indian Meadows site, and one business is located within approximately 30 feet of the Skyline site. When heavy equipment is operated close to these structures, vibration levels would be perceptible. However, because the structures are of relatively recent construction and no fragile or historic buildings are located in the vicinity, the potential for structural damage is considered remote. Potential impacts would be limited to periodic and minor vibration being felt by the occupants of nearby buildings. Implementation of mitigation measures identified in **Section 5**, to restrict the hours of construction, would also ensure less-than-significant vibration impacts.

OPERATIONAL NOISE AND VIBRATION

Operational noise and vibration generated by the proposed residential developments would be consistent with typical residential neighborhood noise. The primary noise sources would be from vehicles, lawn mowers, and children playing. These noise sources already exist in the project area and development of the proposed residential developments would not significantly add to the existing noise environment. No significant vibration sources are proposed. None of the project sites is located near a highway, and roadway traffic is not expected to adversely affect residents of the proposed residential developments. The Skyline Residential Development site is located next to the Happy Camp Elementary School. The playgrounds and sport fields abut the project site, and when these areas are in use, residents would be exposed to higher noise levels. However, the school grounds are only in use during the day, and noise levels are not expected to adversely impact residents. The Proposed Action

Traffic generated by the proposed residential developments would increase traffic on surrounding roads. The traffic increase under the Proposed Action would be approximately 100 trips per day. Given that it typically takes a doubling of traffic to increase roadway noise by 3 dBA, the increase in traffic noise on local roadways attributable to the Proposed Action would not be noticeable.

Operation of the Proposed Action does not have the potential to significantly increase noise levels in the vicinity of the project sites, or expose residents to adverse noise levels. Noise impacts from operation of the residential developments would be less than significant.

4.10.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the Project site. Because no homes or other noise-generating land uses would be developed on the site. No noise impacts would occur.

4.11 HAZARDOUS MATERIALS

4.11.1 PROPOSED ACTION

Impacts associated with hazardous materials include impacts resulting from a release of hazardous materials and impacts from improper hazardous materials management. A project would be considered to have significant hazardous materials impacts if the project site has existing hazardous materials on-site that would require remediation prior to development of a project alternative. Additionally, if a project would result in the use, handling, or generation of a regulated hazardous material, of which the regulated amounts would increase the potential risk of exposure resulting in reduction of quality of life or loss of life, then the project would have a significant adverse impact.

No hazardous materials have been identified on the project sites or within a distance that would expose people or the environment to hazardous materials at adverse levels (**Appendix J**).

During construction, it is possible that hazardous materials, such as fuel, solvents, paint, and adhesives would be used on site and the potential for an accidental release exists. However, standard construction best management practices (BMPs) reduce and often eliminate the impact of such accidental releases. With the implementation of these BMPs, including stormwater BMPs that would be required under the SWPPP, and compliance with federal laws relating to the handling of hazardous materials, adverse effects associated with the accidental release of hazardous materials during construction would be less than significant.

The majority of waste produced by residents on the project site would be nonhazardous. The small quantities of hazardous materials that would be generated or used may include pesticides, fertilizers, motor oil, hydraulic fluid, solvents, disinfectants, cleaners, lubricants, paint, and paint thinner. The amount and type of hazardous materials that would be generated are common to residential developments and do not pose unusual storage, handling or disposal issues. Adverse effects associated with the accidental release of hazardous materials by residents are expected to be less than significant.

4.11.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the Project site. Because no homes or other land uses would be developed on the site, there would be no increase in potential hazardous material impacts.

4.12 VISUAL RESOURCES

4.12.1 PROPOSED ACTION

The proposed housing developments would be similar in nature to existing rural residential development on the adjacent/nearby Tribal land and surrounding area. Due to the topography and the predominately-evergreen woodland vegetation surrounding all sites, the new homes and roadway would only be noticeably visible from Tribal land and land immediately adjacent. Because the type of housing would be consistent with the housing in the surrounding area (i.e., single family), no adverse visual impacts are expected. Views of the proposed housing development from non-tribal residential areas, and from Interstate 5 (for the Oom site) would be screened by the intervening topography, development and woodlands. The proposed development for each site would be compatible with existing local conditions. Visual impacts would be less than significant.

4.12.2 NO ACTION ALTERNATIVE

The No Action Alternative would not result in any changes to land uses on the Project site. Views from the surrounding area would not be impacted. No visual resource impacts would occur.

4.13 CUMULATIVE EFFECTS

Cumulative effects are defined in 40 CRF Sec. 1508.7 as effects:

...on the environment which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.

4.13.1 CUMULATIVE SETTING

The cumulative analysis begins with: 1) identifying past, present, and future actions and projects in association with the status of the resources, ecosystems, and human communities that may be affected, and 2) defining geographic borders and time frame of the analysis for each environmental topic addressed.

A key factor in characterizing the cumulative setting is the slow rate of growth in the population of Siskiyou County over recent decades. From 1990 to 2016, the population of Siskiyou County grew approximately three percent from 43,300 to 44,739. During the same period, the population of Yreka grew approximately 13 percent from 6,925 to 7,832. Over the last 25 years, the average annual growth rates for Yreka and the County have been approximately 0.5 and 0.1 percent, respectively. Population projections identify a static population level through 2060. The County's population is expected to vary little over the coming decades, with no substantial growth trends.

The Housing Elements of the respective general plans for Siskiyou County and the City of Yreka address the need to accommodate projected population growth in the County. The regional need for housing is defined by the California Department of Housing and Community Development (HCD), which has developed a Regional Housing Need Allocation (RHNA) Plan for Siskiyou County. The RHNA Plan identifies a need for 530 new residential units in all of Siskiyou County (i.e., including incorporated cities) over a 5.5-year period (January 1, 2014 to June 30, 2019). The need for 530 units is shared and distributed amongst the County and each of the cities in the County, with each jurisdiction's share determined by its proportion of the County's overall household population. The share of regional housing needs for the unincorporated areas of the County (which includes Happy Camp) is 258 units, or about 47 units per year over a 5.5-year period. The City of Yreka's share of regional housing needs is 103 units, or about 21 units per year. Siskiyou County has determined that there are available residentially-zoned vacant lands in the unincorporated portion of the County and adequate sewer and water capacity within the community service districts to meet its share of the Regional Housing Need. Within Happy Camp alone, the County has identified vacant residentially-zoned land that could accommodate approximately 134 units. The County estimates that the Happy Camp Community Service District could serve 100 additional residential units, while the Happy Camp Sanitary District could serve an additional 350 units (Siskiyou County, 2014). Likewise, the City of Yreka has identified adequate vacant, residentially-zoned property to accommodate

its housing needs. Most of the vacant properties are located around the periphery of the city, and all are within the existing City Limit. The City has reported that it has more than adequate water supply and sewage treatment capacity to serve the projected growth (City of Yreka, 2014).

In addition to the general growth addressed in regional planning documents, **Table 4-10** identifies specific projects that are under review by Siskiyou County. The City of Yreka indicated that no pending developments are under review (Casson, 2017).

The geographic boundaries of the cumulative effects zone have been determined by the nature of the resources affected and the distance that effects may travel. As an example, increased sedimentation of waterways that result from a project are limited to the watershed in which they occur. As a result, it is only necessary to examine incremental effects within that watershed. Air quality emissions from a project, however, travel over far greater distances and therefore necessitate analysis on a county, air basin, or regional level. For this analysis, the geographic boundaries of the cumulative effects zone is generally that of Siskiyou County, although with many resources (water, biological etc.) smaller natural or cultural boundaries are used.

The time frame of the cumulative effects analysis extends to 2035. Beyond 2035, information on growth patterns and future activities becomes scarce and uncertainties increase, limiting the usefulness of such analysis.

The time frame of the cumulative effects analysis extends to 2035, a point at which the California Department of Finance projects that the population of Siskiyou County will peak and then gradually decline. Beyond 2035, information on growth patterns and future activities becomes scarce and uncertainties increase, limiting the usefulness of such analysis.

As recommended by CEQ Considering Cumulative Effects, not all potential cumulative effects issues have been included, only those that are considered to be relevant or consequential have been discussed in depth (CEQ, 1997:12).

4.13.2 CUMULATIVE EFFECTS OF PROPOSED ACTION

LAND RESOURCES

Cumulative development in the region will include land and roadway development necessary to accommodate the County's planned growth for this area. The most visible changes to topography will come from clearing and flattening of land to accommodate housing and commercial developments. Other land resource impacts that may occur as the result of regional development include the loss of important farmland and minerals, and soil erosion. The proposed residential developments would not result in significant contributions to these potential impacts. The proposed residences would be built in areas that would not require significant grading or changes to topography. All cut and fill slopes would be less than 10-15 feet in height. During construction, soil loss would be controlled by implementation of SWPPP

TABLE 4-10
CUMULATIVE PROJECT LIST

Project/Location	Summary	Status
Rhodes Tentative Parcel Map McCloud, Unincorporated Siskiyou County	Tentative parcel map to divide a 4.57-acre parcel into four lots. Development of up to eight residential dwelling units.	Pending
Daws Tentative Parcel Map Fort Jones, Unincorporated Siskiyou County	Tentative parcel map to subdivide a 72.22-acre parcel into four parcels. Development of up to eight residential dwelling units.	Pending
Kidder Creek Orchard Camp Zone Change and Use Permit Greenview, Unincorporated Siskiyou County	The project is a proposed rezone and use permit application to expand an existing organized camp. The rezone would reclassify approximately 170 acres of land from Timber Production Zone to Rural Residential Agriculture. The use permit would expand the camp area from 333 acres to 580 acres and increase the total camp guest occupancy from 165 (total bed occupancy of 310) to a peak summertime occupancy of 844. The 844 occupancy includes camp guests, staff, and volunteers. It is anticipated that the expansion would occur over a twenty-year period.	Pending
JH Ranch Mountain Resort Etna, Unincorporated Siskiyou County	Planned Development Plan Amendment (PDPA) to increase the amount of land zoned as Planned Development District from approximately 79.2 acres to approximately 202 acres. The requested amendment would change the maximum occupancy (guests and staff) from 725 to 975.	Pending
Crystal Geyser Water Company Conditional Use Permit Mt. Shasta, Unincorporated Siskiyou County	Operation of a water bottling facility and upgrades to the existing plant and associated facilities.	Pending
McCloud Artesian Spring Water Company Project McCloud, Unincorporated Siskiyou County	Construction and operation of a water bottling operation.	Pending
Rain Rock Casino Karuk Tribal Lands, Yreka	Construction and operation of a casino. Phase 1 consists of a 36,000 square-foot gaming facility with approximately 500 gaming machines, 8 table games, a 100-seat restaurant, and on-site parking. Phase 2 will add an 80-room hotel, additional parking, 20,000 additional square feet of gaming space, 300 gaming machines, and 8 table games.	Phase 1 is under construction.
SOURCE: http://www.co.siskiyou.ca.us/page/planning-division and http://www.karuk.us/index.php/menu-karuk-casino		

erosion control measures. All disturbed areas would be revegetated and all cut slopes would have a slope ratio of 1.5 to 1 (horizontal to vertical) or flatter, and fill slopes would have a slope ratio of 2 to 1 or flatter. These standards would ensure that slopes are stable and would be revegetated, thereby minimizing long-term erosion potential. The homes would be developed to applicable California Building Code and Siskiyou County Codes thereby ensuring structural integrity and the ability to withstand the seismic hazards of the area. No significant mineral resources or important farmland soils exist on the project sites. Cumulative effects to land resources are therefore considered to be less than significant.

WATER RESOURCES

Agricultural runoff and stormwater discharges from urban development are key concerns in managing water quality in Siskiyou County. Cumulative growth in the region will result in increased impervious surfaces, which will increase potential sedimentation, pollution and stormwater flows in the Klamath River Watershed. Future development could result in cumulatively considerable effects if off-site flows overload stormwater facilities and cause adverse impacts to downstream water resources. However, cumulative development will be required to comply with County requirements for stormwater drainage and erosion control (Siskiyou County Code Sections 10-4.802.3, 10-5606). Compliance with County requirements will reduce potential adverse impacts from cumulative development. The Proposed Action incorporates vegetated swales and storm drains to manage storm flows. This will reduce the potential of the residential developments from increasing off-site stormwater runoff. No on-site wastewater treatment and disposal would occur. In addition, because all the project sites are over an acre in size, the Tribe is required to implement a SWPPP, including an erosion control plan, for each residential development project. The proposed residential developments would not have significant cumulative effects on water quality.

AIR QUALITY AND GREENHOUSE GAS

Cumulative development in the Siskiyou County would include land and roadway development that has the potential to impact air resources. Cumulative air quality impacts would occur if projects in the region caused exceedances of the State or National Ambient Air Quality Standards. However, due to the rural nature of the region and statewide efforts at reducing air emissions, Siskiyou County is expected to remain in attainment. As discussed in Section 4.3, the Proposed Action would result in short-term emissions of criteria pollutants during construction. Mitigation measures have been identified to ensure that construction-related emissions are less than significant. The estimated operational emissions are typical of residential development and would not adversely impact surrounding land uses. The Proposed Action does not have the potential to result in a significant contribution to cumulative air quality impacts.

Greenhouse Gas Emissions

Climate change is a global phenomenon which is cumulative by nature, as it is the result of combined worldwide contributions of GHG emissions to the atmosphere over many years. Therefore, the analysis of the Proposed Action's GHG emissions in Section 4.3 also serves as the cumulative analysis.

BIOLOGICAL RESOURCES

As development occurs in the region, natural habitat will be impacted. Cumulative impacts to biological resources include the fragmentation and loss of forest, woodlands and chaparral, wetlands, riparian vegetation and other important wildlife habitat. Such habitat loss could impact special-status species and nesting birds that depend on such habitat, and could limit the ability of animals to move through the region. Compliance with federal, state and local regulations will reduce habitat loss by restricting where development may occur and requiring mitigation of habitat impacts; however, some cumulative loss of habitat will nevertheless occur. The Proposed Action would result in minor contributions to the loss of habitat in the County. One of the project sites (Skyline) was previously developed, and other two sites (Oom and Indian Meadows) are adjacent to existing urban development. Because these areas are not in previously undeveloped areas, impacts associated with habitat fragmentation loss of high quality habitat are reduced. Mitigation measures are identified in Section 5 to avoid disturbance to nesting birds and special-status plants and mammals. The Proposed Action's contribution to cumulative biological resource impacts is considered to be less than significant.

CULTURAL RESOURCES

Cumulative development in the region will include land and roadway development that has the potential to impact cultural resources. Potential cultural resource impacts include the loss of archaeological sites during excavation and the disturbance or destruction of historic buildings. Because no cultural resources are known to exist on the project sites, no impacts to cultural resources are expected to occur as the result of the Proposed Action. Mitigation measures have been identified to prevent the loss of buried archaeological resources if encountered during grading or excavation on the project sites. The Proposed Action's contribution to cumulative cultural resource impacts is considered to be less than significant.

SOCIOECONOMIC CONDITIONS/ENVIRONMENTAL JUSTICE

Cumulative development in the region is expected to occur as Siskiyou County approves additional residential and commercial development. As development continues to occur, potential socioeconomic impacts may occur. Types of socioeconomic impacts include adverse changes in the housing market, population, taxes, employment and income levels, and community cohesion. The proposed residential development would provide needed housing for tribal members, and would be benefit the socioeconomic conditions of the Tribe. The approval of the fee-to-trust acquisition would remove a small amount of property tax revenue from the County. The amount is 0.05 percent of the total property taxes and is not considered to be a significant impact. No other adverse socioeconomic impacts would occur as the result of the proposed fee-to-trust acquisition and residential development. The proposed residential project would not result in adverse environmental effects, and no minority or low-income populations would be adversely impacted by the project. Cumulative socioeconomic and environmental justice effects are therefore considered to be less than significant.

TRANSPORTATION AND CIRCULATION

Under forecasted future traffic volumes in 2035, the following four roadway segments are projected to operate at deficient levels of serve (LOS D or worse) with or without the Proposed Action. The amount of daily and peak-hour traffic added by the project to each roadway segment is noted.

Yreka:

Campbell Avenue (Dove Lane to Comstock Drive) - (96 daily / 8 AM Peak / 10 PM Peak)

East Oberlin Road (west of Campbell Road) - (86 daily / 7 AM Peak / 9 PM Peak)

East Oberlin Road² (east of Comstock Drive) - (10 daily / 1 AM Peak / 1 PM Peak)

Happy Camp:

Davis Road (Indian Creek Road to SR-96) - (30 daily / 3 AM Peak / 4 PM Peak)

The following two roadway segments are projected to operation at deficient levels of serve (LOS D or worse) with the Proposed Action. The amount of daily and peak-hour traffic added by the project to each roadway segment is noted.

Yreka:

East Oberlin Road (Campbell Road to Comstock Drive) - (19 daily / 1 AM Peak / 2 PM Peak)

Happy Camp:

Jacobs Way (Indian Creek Road to SR-96) - (13 daily / 1 AM Peak / 1 PM Peak)

Under City of Yreka significant criteria, these roadways are not considered to be significantly impacted since none of the roadways would operate below capacity. Siskiyou County has not adopted significance criteria. The Proposed Action would contribute traffic to Siskiyou County roadways that are projected to operate at LOS D or lower. However, the Proposed Action would contribute a maximum of four trips to peak hour traffic on these roadways (East Oberlin Road, David Road and Jacobs Way). The traffic increase on these County roadways attributed to the project would be 1.1 percent or less. This level of traffic increase is considered to be less-than-significant.

²/ East Oberlin Road east of Comstock Drive is within the Jurisdiction of Siskiyou County.

LAND USE AND AGRICULTURE

Cumulative land use and agriculture impacts that may occur as the region grows include the development of conflicting land uses, the loss of community character or integrity, and the displacement of agriculture. The Proposed Action would result in the development of three residential developments that are adjacent to existing residential communities. Siskiyou County has designated the project sites for rural residential and agriculture development. While the density of the proposed residential developments is higher than that currently allowed by the county, the proposed residential development would be consistent with land uses within the surrounding residential areas. As a result, no conflicts with adjacent land uses are expected. The project sites do not support agricultural, nor would the proposed residential development impact agriculture in the surrounding area, which is limited to gardens and some livestock grazing associated with rural residences. The Proposed Action's contribution to cumulative land use and agriculture impacts is considered to be less than significant.

PUBLIC SERVICES

As development occurs in the region, demands for public services will increase. Typically, public services are paid by development fees, rates, and property taxes. As such, the provision of public services typically expands to serve the additional demand. The provision of adequate water supply is the most crucial concern in drought-prone California. State regulations have sought to ensure an adequate water supply exists prior to approval of major development projects; however, water supply continues to be a key concern for residents. The extension of municipal water services to the Project site would only occur after annexation to the water district with a finding of adequate capacity by the service provider. Therefore, the Project would not result in a cumulative impact given that residential development on the project sites could not occur unless and until annexation to the water district occurs. Wastewater service would be provided by the City of Yreka and HCSD, which have adequate treatment and disposal capacity to serve the proposed homes. The proposed housing developments would be served by the same law enforcement, fire protection, solid waste and utility services that are currently provided to other tribal land. The Proposed Action's contribution to cumulative public service impacts is considered to be less than significant.

NOISE

Cumulative development in Siskiyou County would result in localized noise levels increases. These would occur along roadways where traffic levels increase or in neighborhoods where urban uses are expanding or intensifying. Due to the minor amount of growth expected in the County, the general increase in traffic noise in the County is not expected to be significant. The Proposed Action would generate typical residential traffic. Because the proposed residential developments are located adjacent to existing residential developments and the amount of traffic on nearby roads would only increase a minor amount, the increase in traffic noise on local roadways attributable to the Proposed Action would not be noticeable. Construction of the proposed residential developments would result in short-term increases

in noise in the vicinity of the project sites. Mitigation measures have been identified in Section 5.0 to reduce the potential for construction-related noise to adversely impact the surrounding residents. Therefore, the Proposed Action would not result a cumulatively considerable contribution to regional noise impacts.

HAZARDOUS MATERIALS

As cumulative development occurs in the region, the potential exists for land and roadway development projects to increase hazardous material impacts on public health and the environment. Impacts can occur as the result of the improper use and disposal of hazardous materials, or through contact with existing hazardous materials encountered during construction. No hazardous material impacts are expected to occur as the result of the Proposed Action, as the Phase I ESA completed for the Project site found no hazardous materials on the Project site and surrounding area. All applicable federal, state and local regulations pertaining to the use and disposal of hazardous materials would be followed during construction. The Proposed Action's contribution to cumulative hazardous material impacts is considered to be less than significant.

VISUAL RESOURCES

Cumulative visual impacts that may occur as the region grows include the loss of scenic vistas or the aesthetic quality of views in the region as residential and commercial development replaces the natural landscape. The Proposed Action would result in the development of 26 housing units within two separate communities that are predominately residential. While the proposed residential development would alter the existing natural landscape of the Project site, the development would be visually consistent with the surrounding rural residential land uses. The proposed homes would only be visible from adjacent parcels and roadways. Views from other residences and roadways surrounding the Project site would be screened by the intervening vegetation and hills. Due to the limited visibility of the site and consistency of the proposed development with surrounding land uses, the Proposed Action's contribution to cumulative visual resource impacts is considered to be less than significant.

4.13.3 CUMULATIVE EFFECTS OF NO ACTION ALTERNATIVE

The No Action Alternative would not result in any alterations to the Project site. Because no homes or other land uses would be developed on the site, there would be no contribution to cumulative environmental impacts within the region.

SECTION 5.0

MITIGATION MEASURES

5.1 LAND RESOURCES

5.1.1 PALEONTOLOGICAL RESOURCES

- a. If, during the course of project implementation, paleontological resources (e.g., fossils) are discovered, the contractor shall cease all work in the area of the find, the Karuk Department of Natural Resources shall be immediately notified, and a qualified paleontologist shall be retained to determine the significance of the discovery. The Karuk Tribe shall consider the mitigation recommendations presented by a professional paleontologist and implement a measure or measures that the Karuk Tribe deems feasible and appropriate. Such measures may include avoidance, preservation in place, excavation, documentation, curation, data recovery, or other appropriate measures.

5.2 WATER RESOURCES

No mitigation is necessary.

5.3 AIR QUALITY

5.3.1 CONSTRUCTION EFFECTS

The following mitigation measures shall be implemented during the initial earthmoving and grading phases of construction:

- a. Water exposed areas twice per day, or as needed.
- b. Water or apply soil stabilizer to unpaved roads.
- c. Replace ground cover of disturbed areas.

5.4 BIOLOGICAL RESOURCES

5.4.1 SPECIAL STATUS SPECIES

- a. To avoid potential disturbance to special-status plants on the Oom parcel and Oom Road Entrance parcel:
 - i. Perform focused plant surveys for Gentner's fritillary and Yreka phlox. Surveys will be conducted during the identifiable period for the species and known reference populations will be visited, if available, prior to surveys to confirm the phenological status of the species. If no Gentner's fritillary and Yreka phlox plants are found within the properties, no further measures pertaining to special-status plants are necessary.
 - ii. If Gentner's fritillary and Yreka phlox are found within the properties, avoidance zones may be established, if feasible, around plant populations to clearly demarcate areas for avoidance, and USFWS will be contacted for guidance.
- b. To avoid potential disturbance to nesting birds on all project sites:
 - i. Conduct a pre-construction nesting bird survey of all suitable habitats on the project sites within 14 days prior to the commencement of construction during the nesting season (1 February – 31 August). Pre-construction nesting surveys are not required for construction activities that begin outside of the nesting season.
 - ii. If active nests are found, a no-disturbance buffer around the nests shall be established. The buffer distance shall be established by a qualified biologist in consultation with USFWS. The buffer shall be maintained until the fledglings are capable of flight and become independent of the nest tree, to be determined by a qualified biologist. Once the young are independent of the nest, no further measures are necessary.
- c. To avoid potential disturbance to gray wolf, California wolverine, and fisher on the Evans I, Tello, Oom and Oom Road Entrance parcels:
 - i. Conduct a pre-construction clearance survey for den sites within 14 days of the start of construction. If active den sites are located, consult with USFWS to implement appropriate measures (e.g. avoidance or construction monitoring).

5.5 CULTURAL RESOURCES

5.5.1 BURIED ARCHAEOLOGICAL RESOURCES

- a. If cultural materials are found during construction, work should be halted within a reasonable buffer. Examples would include ground stone, flaked or chipped stone, historic debris, building foundations, or non-human bone. A qualified archaeologist should be consulted to assess the discovery. Appropriate avoidance or mitigation measures should be reached in consultation with the Tribes that claim an interest in this site, as set out at 36 CFR 800.
- b. Should inadvertent effects to or unanticipated discoveries of human remains be made, the County Coroner [California Health and Safety Code 7050.5(b)] shall be notified immediately. If the remains are determined to be Native American, or if Native American (Indian) funerary objects, or items of cultural patrimony subject to the Native American Graves Protection and Repatriation Act (NAGPRA) are uncovered, the provisions of NAGPRA Section 3 [25 U.S.C. 3002 a-e] may apply, and its regulations at 43 CFR 10 and the provisions of ARPA at 43 CFR 7 shall be followed [Stipulation 7.9 (a)].

5.6 SOCIOECONOMIC CONDITIONS

5.6.1 SCHOOL AND SERVICE FUNDING EFFECTS

- a. The Tribe shall provide in-lieu developer fees and taxes to affected school districts. The Tribe shall consult with the Siskiyou County Office of Education to determine the amount and schedule of payments to mitigate developer fee and tax loss to the affected districts and increased student enrollment in the affected schools.

5.7 TRANSPORTATION AND CIRCULATION

No mitigation is necessary.

5.8 LAND USE AND AGRICULTURE

No mitigation is necessary.

5.9 PUBLIC SERVICES

5.9.1 WATER SUPPLY

- a. Prior to construction of the Oom residential units, the City of Yreka’s water rights would require an amendment issued by the State Water Resources Control Board to expand the permitted “place of use” to include the Oom parcel. Once this occurs, and with approval of the City of Yreka, a water line would be extended from an existing water line located in Apsuun Road. All conditions of that agreement shall be implemented by the Tribe.
- b. Prior to construction of the Happy Camp residential units, the Tribe shall amend the water service Memorandum of Agreement with HCSD to include the new trust lands. All conditions of that agreement shall be implemented by the Tribe.

5.9.2 WASTEWATER SERVICE

- a. Prior to construction of the Oom residential units, the Tribe shall acquire an agreement with the City of Yreka to provide wastewater service to the Oom project site. All conditions of that agreement shall be implemented by the Tribe.
- b. Prior to construction of the Happy Camp residential units, the Tribe shall amend the sanitary service Memorandum of Agreement with HCSD to include the new trust lands. All conditions of that agreement shall be implemented by the Tribe.

5.9.3 SOLID WASTE SERVICE

No mitigation is necessary.

5.9.4 ELECTRICITY, NATURAL GAS AND TELECOMMUNICATIONS

No mitigation is necessary.

5.9.5 LAW ENFORCEMENT

No mitigation is necessary.

5.9.6 FIRE PROTECTION/EMERGENCY MEDICAL SERVICES

No mitigation is necessary.

5.10 NOISE

5.10.1 CONSTRUCTION NOISE

- a. During project site development construction, activities shall be limited to 7:00 a.m. to 7:00 p.m. Monday through Friday, and from 8:00 a.m. to 6:00 p.m. on Saturdays. Construction activities are prohibited on Sundays and federal holidays. This condition shall be noted on construction plans required for this project.
- b. Fixed construction equipment, which may include, but not be limited to, compressors and generators, shall be located as far away from sensitive receptors as feasible.
- c. Intake and exhaust ports of powered construction equipment shall be muffled or shielded.

5.11 HAZARDOUS MATERIALS

No mitigation is necessary.

5.12 VISUAL RESOURCES

No mitigation is necessary.

SECTION 6.0

LEAD AGENCY AND LIST OF PREPARERS

6.1 LEAD AGENCY

U.S. BUREAU OF INDIAN AFFAIRS, PACIFIC REGION

John Rydzik, Regional Environmental Division Director
Chad Broussard, Environmental Protection Specialist
Hillary Renick, Environmental Protection Specialist
Dan Hall, Regional Archeologist

6.2 PREPARERS OF ENVIRONMENTAL ASSESSMENT

KARUK TRIBE OF CALIFORNIA

Sara Spence, Executive Director, Karuk Tribe Housing Authority
Scott Quinn, Vice Chair, Board of Commissioners, Karuk Tribe Housing Authority
Alex Watts-Tobin, Ph.D., Tribal Historic Preservation Officer-Archaeologist

ENVIRONMENTAL DATA SYSTEMS, INC.

Joe Broadhead, Project Manager
Josh Ferris, Senior Environmental Planner

LARRY WYMER & ASSOCIATES TRAFFIC ENGINEERING

Larry Wymer, Principal

ECORP CONSULTING, INC.

Hal Freeman, Vice-President
Ariel Miller, Associate Biologist/Project Manager
Dustin Brown, Senior Biologist
Clay DeLong, Biologist/Botanist

SECTION 7.0

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APPENDIX A

FIGURES

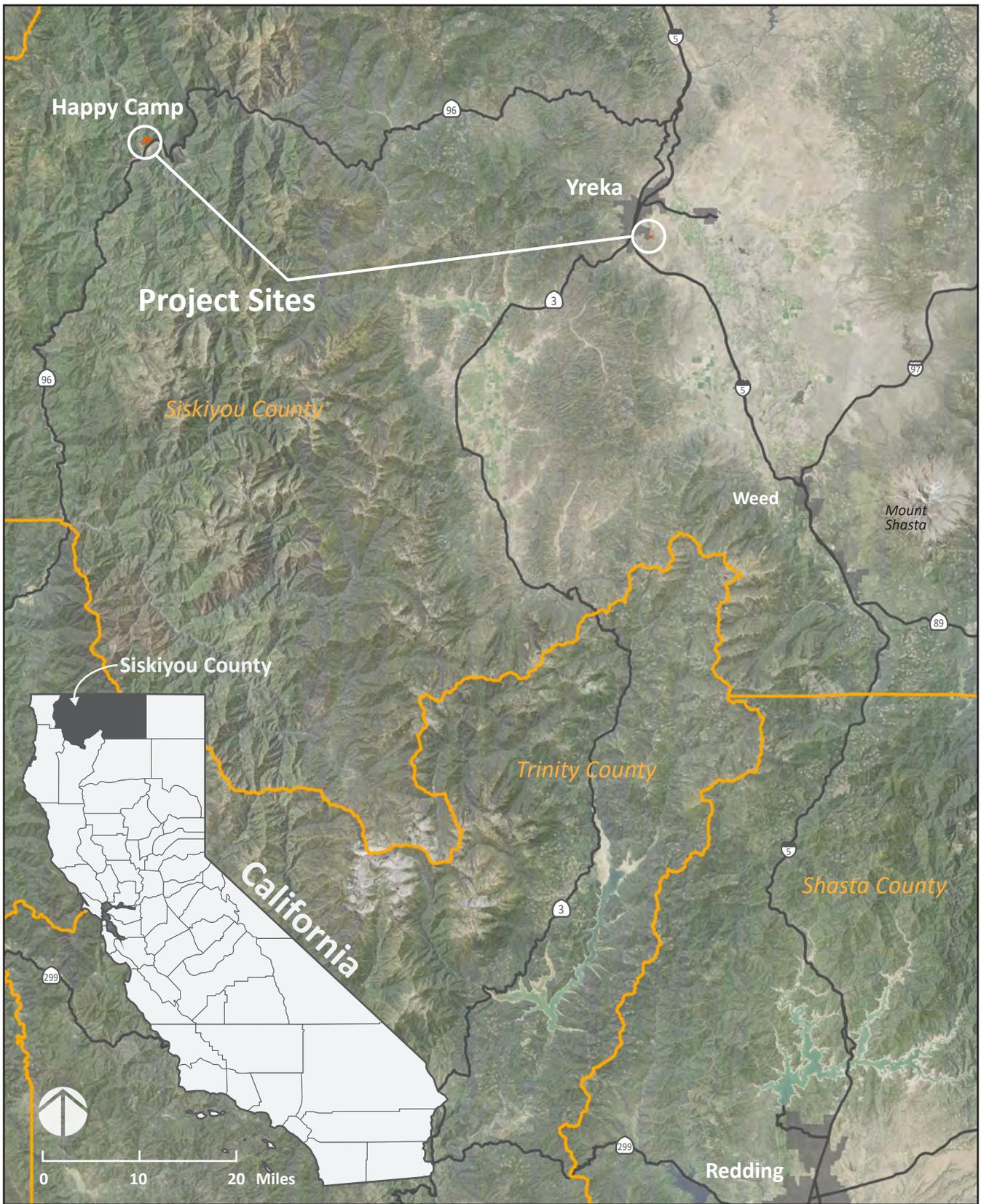


Figure 1-1

Regional Location Map

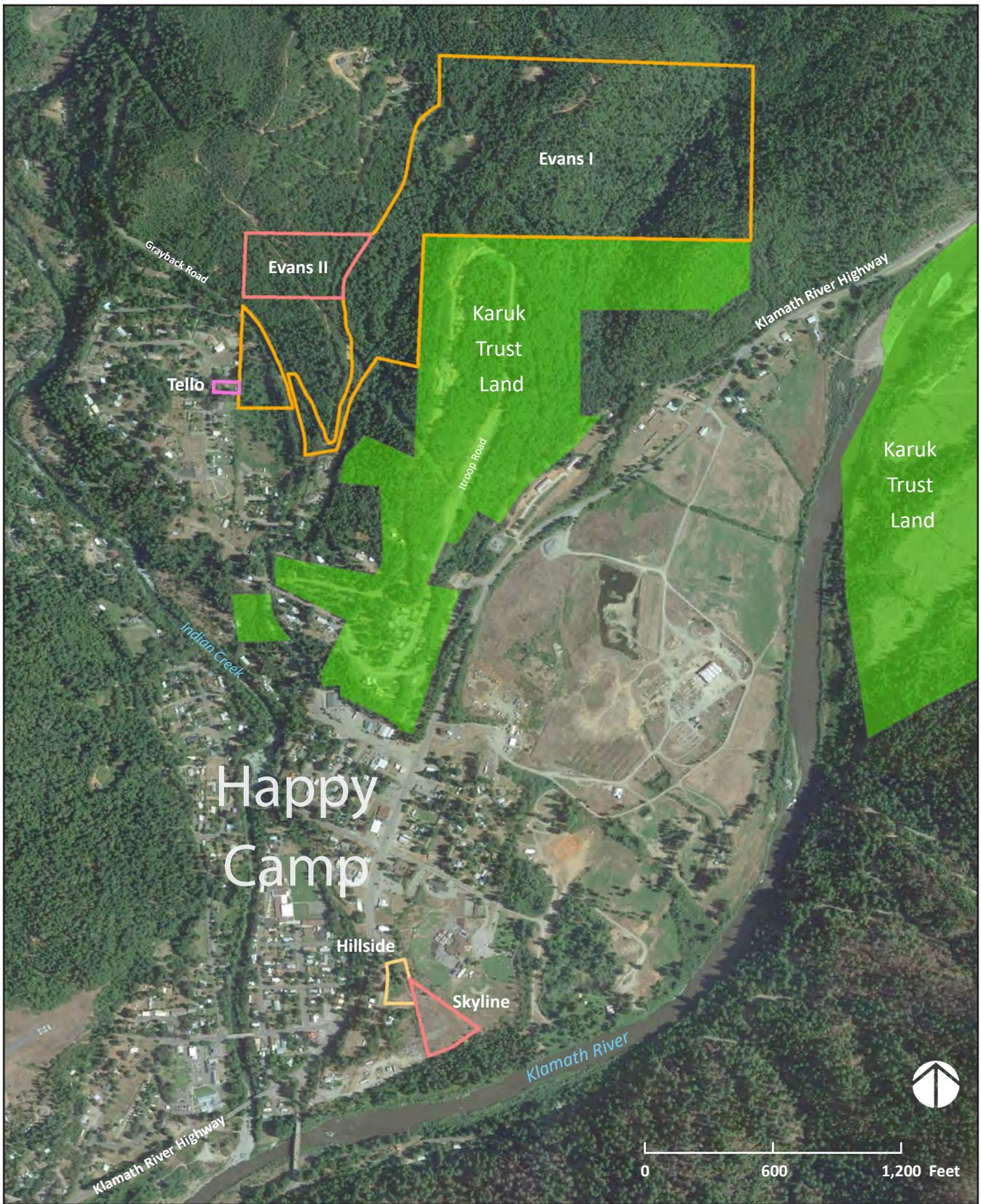


Figure 1-2

Happy Camp Vicinity Map

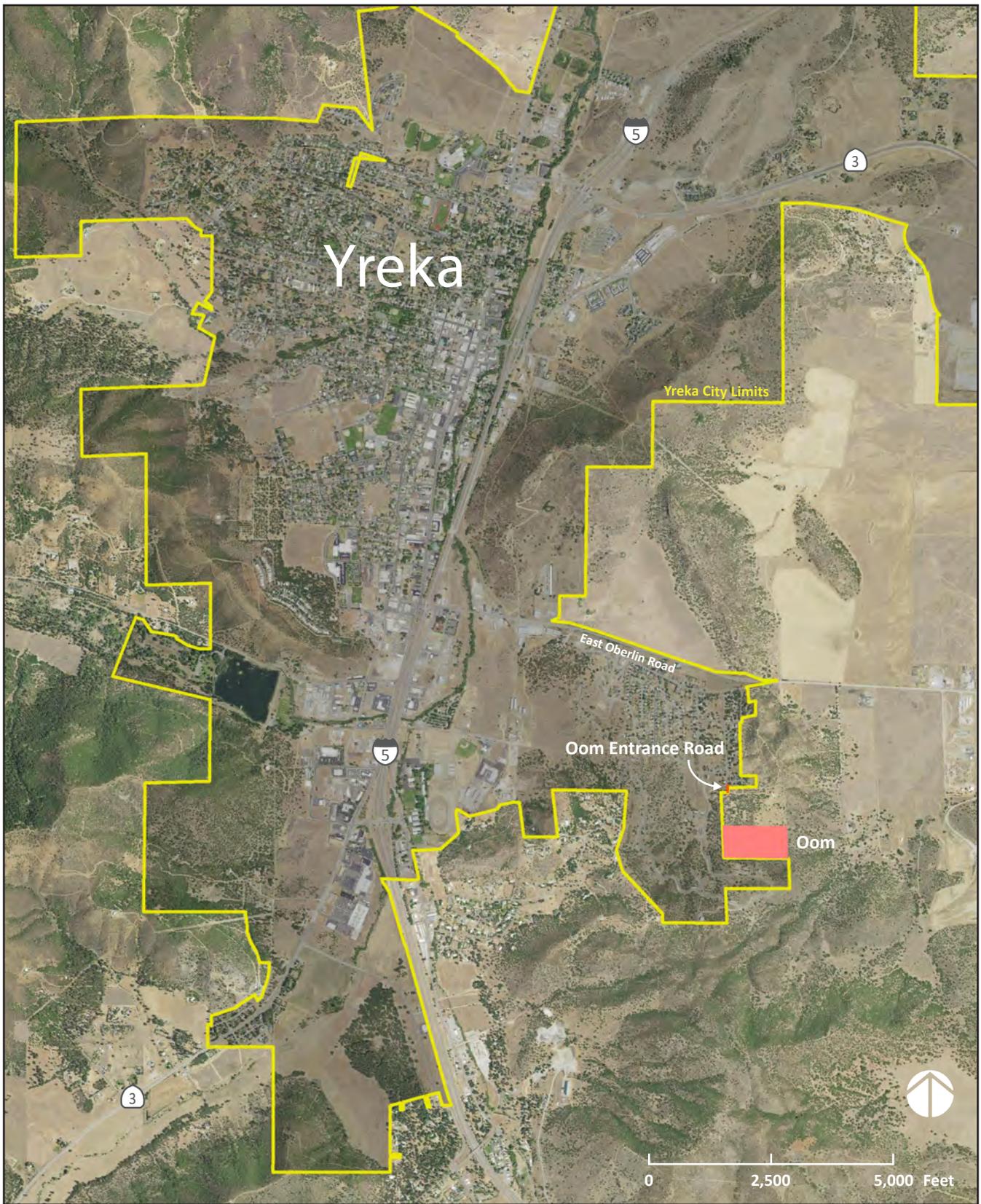


Figure 1-3

Yreka Vicinity Map

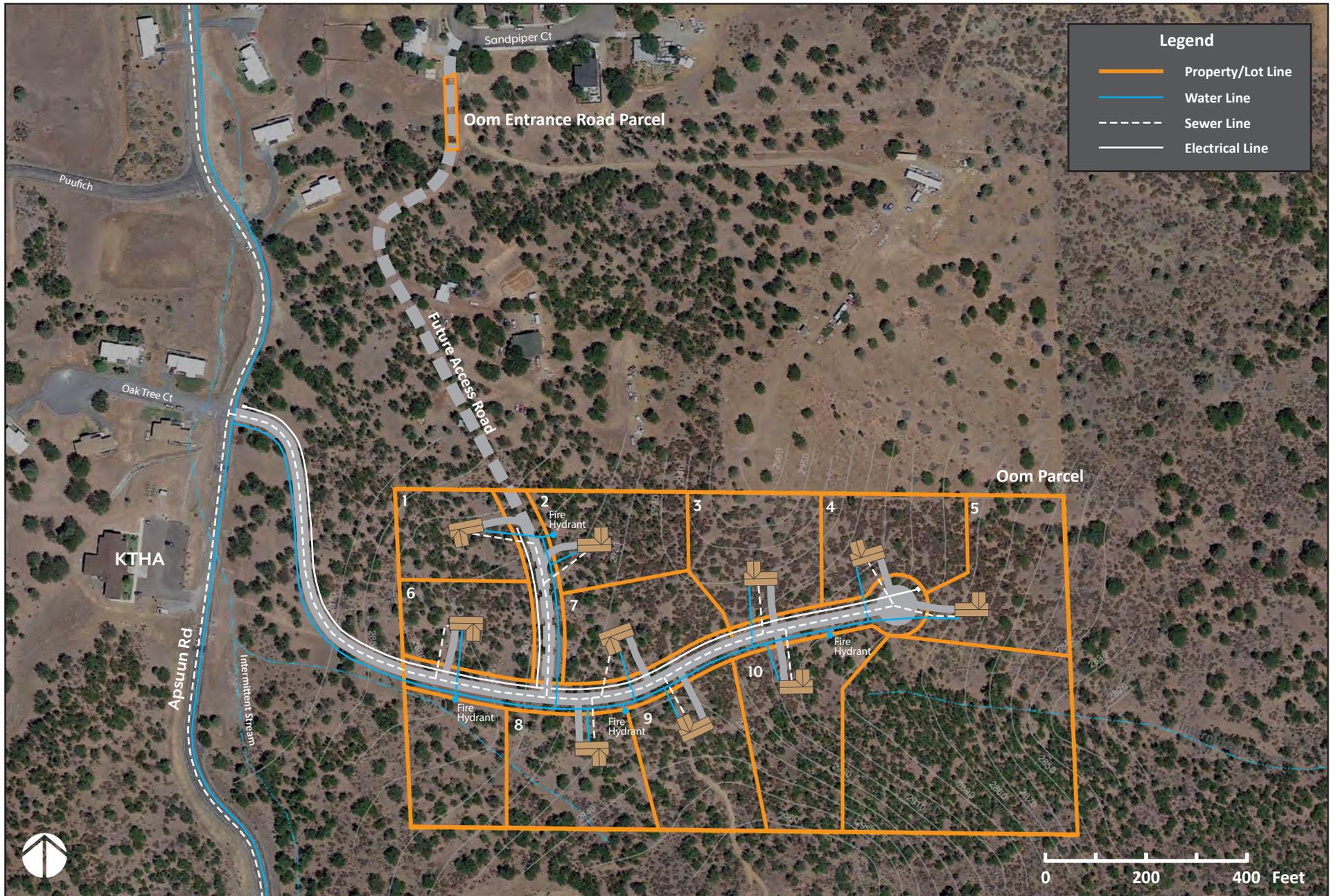


Figure 2-1
Oom Site Plan

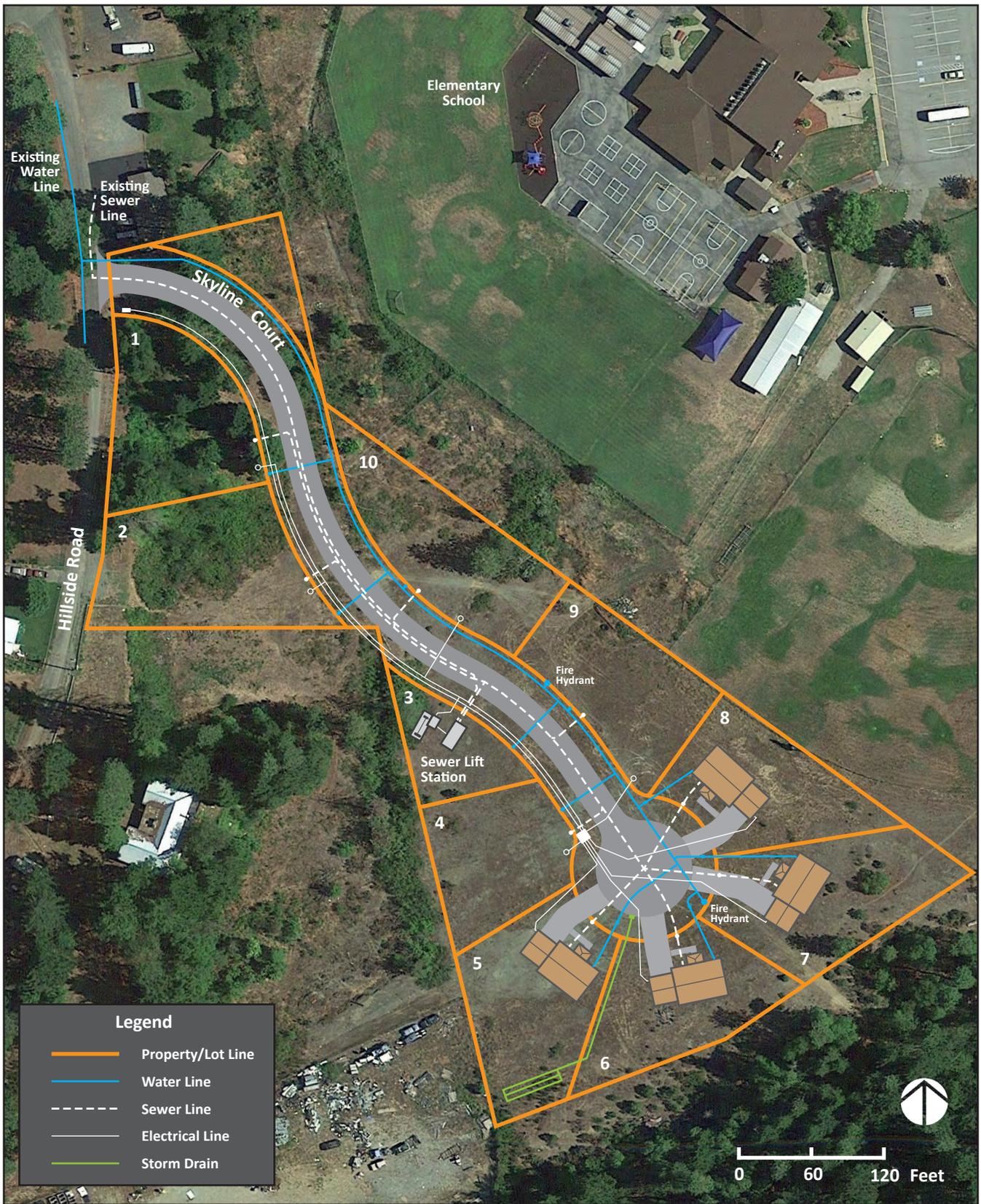


Figure 2-2

Skyline Site Plan

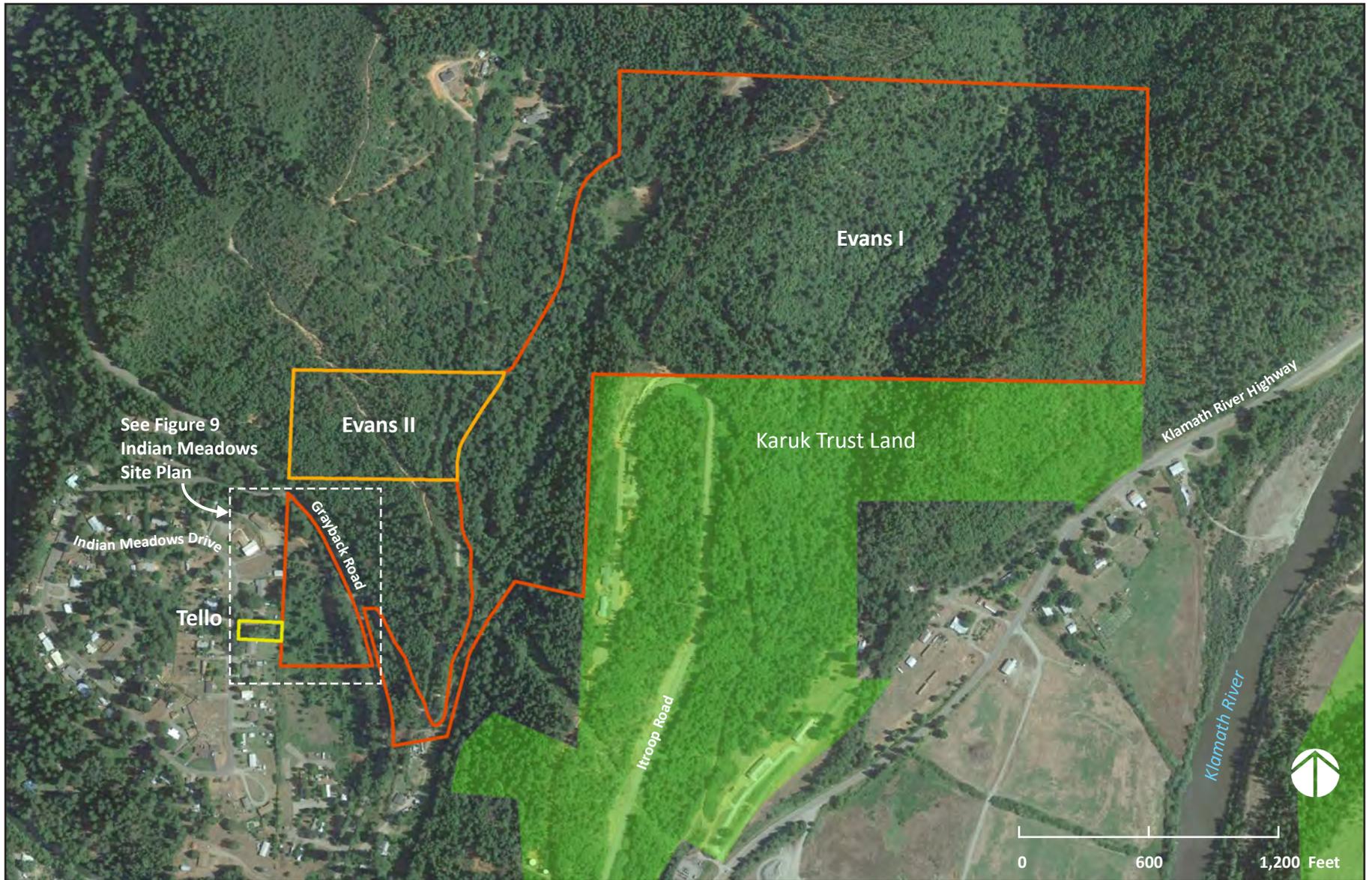


Figure 2-3
Evans and Tello Parcel Map

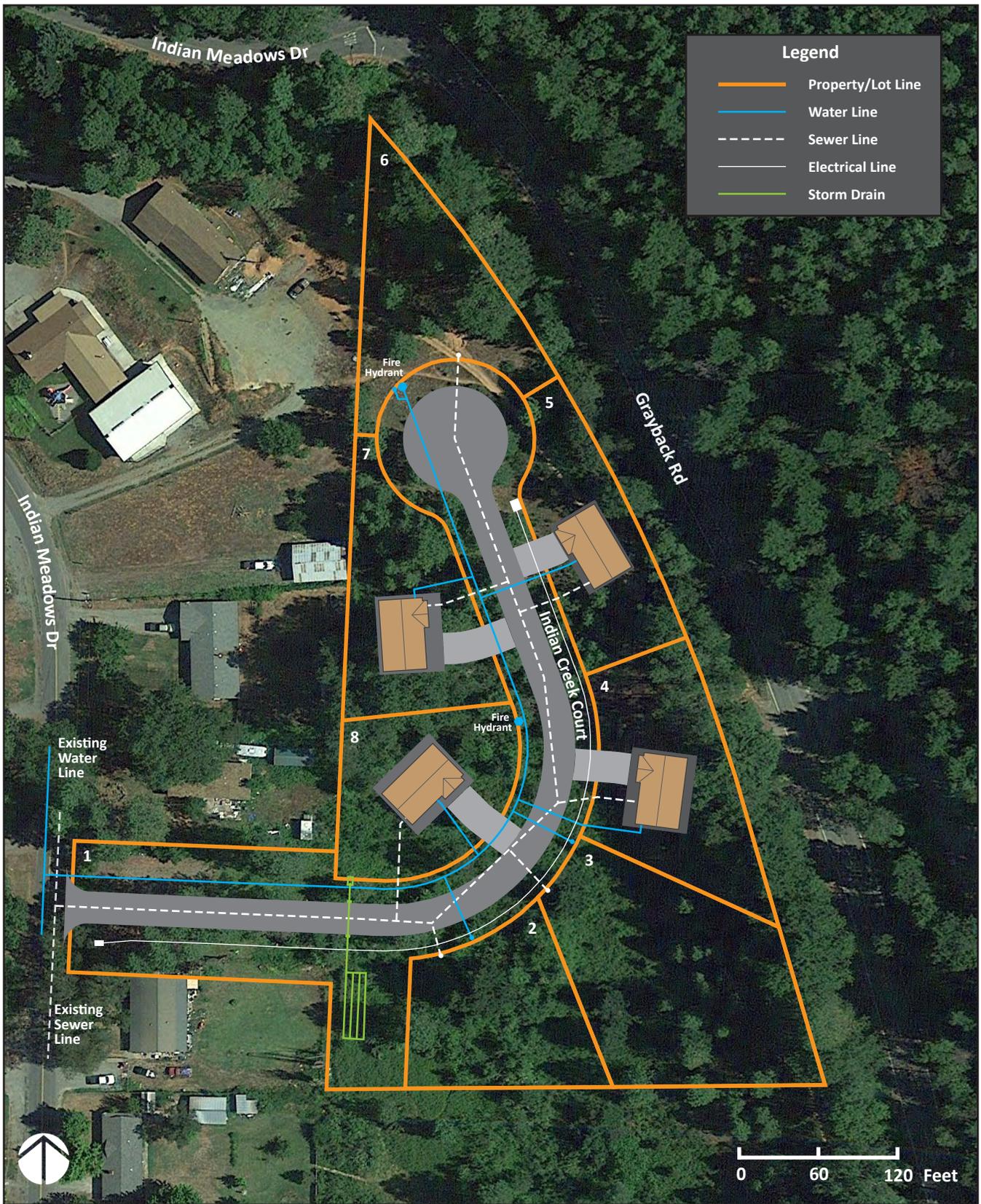


Figure 2-4
Indian Meadows Site Plan

APPENDIX B

*COOPERATIVE AGREEMENT BETWEEN THE KARUK TRIBE OF CALIFORNIA, THE
CITY OF YREKA AND THE COUNTY OF SISKIYOU, YREKA #1*

**NAHASDA
COOPERATIVE AGREEMENT
BETWEEN
THE KARUK TRIBE OF CALIFORNIA,
THE CITY OF YREKA,
AND
THE COUNTY OF SISKIYOU:
YREKA #1**

This Agreement is entered into this 14th day of December, 1999, between the KARUK TRIBE OF CALIFORNIA (hereinafter referred to as "Tribe"), the CITY OF YREKA (hereinafter referred to as "City"), and THE COUNTY OF SISKIYOU (hereinafter referred to as "County").

RECITALS

WHEREAS, the Tribe is a sovereign Indian self-governance tribe, recognized as such by the government of the United States of America; and

WHEREAS, the Karuk Tribal Council is the legally recognized elected governing body of the Tribe, acting as the local government of the lands of the Tribe, and now acts pursuant to its Constitution and Bylaws, adopted on April 6, 1985, as amended; and

WHEREAS, the City of Yreka is a municipal corporation of the State of California, established pursuant to the Constitution of the State of California and California Government Code §34200, et seq., and is an incorporated city within the County of Siskiyou, California; and

WHEREAS, the County of Siskiyou is a political subdivision of the State of California, established pursuant to the Constitution of the State of California and California Government Code §23000, et seq., and is the local government for all territory within its boundaries except for incorporated cities and the lands of federal Indian reservations; and

WHEREAS, the Karuk Tribal Council has authorized the development of housing projects for low-income families and individuals on tribal lands, some of which will be funded all or in part through the Native American Housing Assistance and Self-Determination Act of 1996, 25 USCA §4101, et seq. ("NAHASDA"); and

WHEREAS, the Tribe purchased approximately 228.29 acres of land located primarily within the City as part of a tribal land consolidation plan in which existing tribal low and moderate income housing is maintained using NAHASDA funds, and new low and moderate income housing will be built using, in part, NAHASDA funds; and

WHEREAS, the Tribe has completed construction of 63 units of low and moderate income housing located on approximately 25.29 acres of said 228.29 acreage and is constructing 30 units of a planned 70 unit project in the City on the remaining 210 acres; and

WHEREAS, as a condition for the receipt of NAHASDA funding, the Tribe is authorized to enter into cooperative agreements with local governments to exempt housing from all real and personal property taxes levied or imposed by any state, tribe, city, county or other political subdivision; and

WHEREAS, the California Legislature has enacted Chapter 941, Stats. 1999, to be effective January 1, 2000, adding Section 237 to the Revenue and Taxation Code to exempt from local taxation property owned and operated by a federally designated Indian Tribe or its tribally designated housing entity upon certain conditions; and

WHEREAS, as a further condition for the receipt of NAHASDA funding, the Tribe must make annual payments of user fees to compensate local government for the costs of providing governmental services, including police and fire protection, water and sewage systems for payments in lieu of taxes, in an amount presently equal to \$150 per dwelling unit; and

WHEREAS, NAHASDA requires the Tribe to meet applicable federal construction standards and the City and the County have each enacted various ordinances regulating building standards; and

WHEREAS, the Tribe wishes to adopt an Interim Tribal Ordinance which will adopt building standards based on the uniform codes developed by the International Conference of Building Officials and adopted by the California Legislature that should simultaneously meet City, County and federal construction standards;

NOW, THEREFORE, in consideration of the Recitals hereinabove mentioned and of the terms, conditions, covenants and warranties hereinafter mentioned to be kept, honored and performed by the parties, it is hereby **AGREED** as follows:

TERMS AND CONDITIONS

Section I. Scope of Project.

The Tribe has completed the construction of 63 units of housing ("hereinafter, 63-Unit Project") on 25.59 acres located in the City. Said 25.29 acres is owned in trust by the United States of America on behalf of the Tribe. The 63-Unit Project is managed and maintained by the Karuk Tribal Housing Authority (hereinafter "KTHA") using funds provided by NAHASDA. The City has no responsibility to operate or maintain any portion of the water and sewer infrastructure of the 63-Unit Project, and the Tribe pays the City for water and sewer services based on one master meter. The City provides

police and fire protection services to the 63-Unit Project in the same manner as it provides such services elsewhere.

The Tribe is undertaking the construction of 30 units of housing (hereinafter, the "30-Unit Project") on a portion of the 210 acres of land located within the City adjacent to the 63-Unit Project, and presently owned in fee by the Tribe (hereinafter "the Property"). The 30-Unit Project will be constructed in part using NAHSDA funds. As a separately funded NAHSDA development project, an additional 40 units of housing plus a gymnasium are expected to be built in the future (hereinafter "40-Unit Project") to complete the full planned development for the 210 acres (hereinafter the "70-Unit Project"). The Property will be placed into trust status in the near future.

Water requirements for the 70-Unit Project necessitate water storage volume of 297,000 gallons. However, the Tribe will install facilities to maintain 750,000 gallon storage capacity in order to service Tribal housing residents, provide the City an adequate water supply for fire protection, and to service additional non-tribal development in the vicinity as water is available and such service does not adversely impact Tribal use and fire protection services. The Tribe shall install all sewer and water facilities. Upon installation, such sewer and water facilities shall be owned, operated and maintained by the City.

Clarification of the City and Tribal obligations for water, sewer and services is set forth in that letter prepared by Tribal Consultant James Bray dated November 30, 1999, and that letter of City Manager dated December 9, 1999, on file with the Karuk Tribal Housing Authority and the City Clerk, and other similar letters that may be prepared as development progresses.

Section II. Tribe's Responsibilities and Contributions.

1. The Tribe shall provide, without charge, one or more representatives from the KTHA and/or Tribe to coordinate the conduct of its participation under this Agreement.

2. The Tribe shall convey easements to the City as necessary to allow the City to enter upon and across the Property in order to operate and maintain water and sewer facilities as provided in this Agreement. To the extent reasonably possible, the City shall provide the Tribe and/or KTHA with advance notice of its intention to enter the Property. In the event of a water or sewer facility emergency in which the City is unable to contact the Tribe or KTHA, the City may enter the Property to make repairs as necessary for the emergency.

3. The Tribe shall provide all necessary documentation to ensure that all aspects of the 70 housing units and gymnasium in the 70-Unit Project are constructed in accordance with the applicable uniform building standards in order to ensure that units are constructed to meet minimum health and building standards. The Tribe and City

shall address any concerns of the City after review of such documentation through good faith negotiations.

4. The placement, location, design and installation of sewer and water lines in the 70-Unit Project shall be in accordance with good engineering practices and federal standards where appropriate. The placement, location, design, and installation of sewer and water lines to be accepted by the City are subject to advance approval by the City Engineer, and such approval shall not be unreasonably withheld.

5. The Tribe shall indicate on as-built plans the locations of all water and sewer mains on the 70-Unit Project site including the two master water meters at the point of connection to the City system and the individual water meters for each home constructed pursuant to the 70-Unit Project.

6. The Tribe shall provide to the City on Mylar Film a complete set of all as-built construction plans for the 30-Unit Project.

7. The Tribe shall install a 750,000 gallon water storage tank, associated pumping station and equipment and water lines necessary to service the housing units within the 70-Unit Project. The Tribe shall additionally install a perimeter fence with gate and telemetry facilities compatible with the City equipment around the water storage tank. The water storage tank shall be incorporated into the Yreka System through a connection that will not adversely impact services to Tribal housing during construction of the 70-Unit Project.

Section III. City Responsibilities and Contributions.

1. Once accepted by the City as complete, the City shall assume ownership, operation and maintenance of the water and sewer facilities in the 70-Unit Project as follows:

a. Water System: ownership, operation and maintenance responsibilities shall be limited to the two master water meters, water mains up to the individual water meters, water storage tank and associated pumping equipment and fencing. Such responsibilities shall exclude water lines running from the individual meters to the individual units.

b. Sewer System: ownership, operation and maintenance responsibilities shall be limited to the sewer mains and shall exclude sewer lines running laterally from the mains to the individual units.

2. The City shall diligently maintain and promptly repair all sewer and water facilities as required in this Agreement in a manner that avoids closing roads within the Property, avoids further damage to such roads, and avoids creating hazardous conditions to the motorist.

3. The City will be liable for any law suits or tort claims for any services provided pursuant to this Agreement, including but not limited to claims resulting from failure by the City to repair any damage to the roads on the Property caused by the existing water and sewer facility to the extent the City would be liable under the California Tort Claims Act. This does not create any additional liability in the City other than that which the City would have under state law.

4. The City will issue encroachment permits to the Tribe for sewer and water connections into the City system.

5. The City Engineer agrees to review and comment on the drawings and specifications for the water supply, distribution facilities and sewer lines for the 30-Unit Project within a thirty (30) day period from receipt of documents. Failure to comment within that time period shall be interpreted as acceptance of the plans submitted.

6. The City agrees not to assess any fee for water or sewer connections of the 30 housing units within this 30-Unit Project and of the additional 40 units of housing and gymnasium expected to be ultimately developed on this acreage under the 40-Unit Project.

Section IV. General Understanding.

1. Water and sewer services will not be provided by the City to the newly constructed units under the 30-Unit Project until the following events occur:

a. The construction has been accepted as complete for all water and sewer facilities; and

b. An adequate wastewater allocation is received by the City, or the North Coast Regional Water Quality Control Board's cease and desist order is lifted and all 30 units of the 30-Unit Project can be simultaneously connected to the sewer facilities.

2. Monthly service charges for use of community wastewater, water facilities and sanitary landfill facility charges by the units within the 30-Unit Project shall be paid by the Tribe in an amount as applicable to single family residences in the City.

Section V. Interim Tribal Ordinance.

The Tribe shall enact an Interim Tribal Ordinance applicable to lands owned by the Tribe in fee. This Interim Tribal Ordinance shall adopt as its own the uniform building standards and regulations previously adopted by the City and County to the extent they are consistent with federal construction standards.

Section VI. In Lieu Tax Payments.

1. In lieu of paying state, County and City real and personal property taxes, the Tribe shall pay to the County on an annual basis and subject to federal appropriations

the maximum amount allowed by NAHASDA, 25 USCA §4111(d), for each unit of housing in its 30-Unit Project.

2. In addition to annual in lieu tax payments for the 30-Unit Project, the Tribe shall pay to the County on an annual basis and subject to federal appropriations the maximum amount allowed by NAHASDA for each unit of housing in the completed 63-Unit Project.

3. For purposes of allocation, the County shall distribute the in lieu tax funds to each affected agency based on the manner property taxes would be distributed. In other words, those agencies in the affected tax code area will receive the in lieu funds as if such were property taxes.

4. Pursuant to California Revenue and Taxation Code Section 237, which will be effective January 1, 2000, to be eligible for a property tax exemption, the Tribe must submit the following documents to the County Assessor:

- a. Documents establishing that the designating Tribe is federally recognized;
- b. Documents establishing that the housing entity has been designated by the Tribe;
- c. Documents establishing that there is a deed restriction, agreement, or other legally binding document restricting the property's use to low income housing and that the housing units are continuously available to or occupied by persons who are low income, as defined by Section 50093 of the California Health and Safety Code, that rents do not exceed those prescribed by Section 50053 of the California Health and Safety Code, or, to the extent that the terms of federal, state, or local financing assistance conflict with that Section, rents do not exceed those prescribed by the terms of the financing agreements or financial assistance agreements.

5. Upon request of the County Assessor, the Tribe shall annually report the total number of housing units occupied in the 30-Unit Project and in the 63-Unit Project as of January 1 that were constructed in whole or part using NAHASDA funds. The Assessor shall forward this information to the County Tax Collector. Once the Tax Collector receives the annual information from the Assessor, the Tax Collector will bill the Tribe. The bill will indicate the total number of units and the amount owed, and will be due and payable within thirty (30) days.

Section VII. Disputes.

The Tribe, City and County agree to meet and confer if a dispute arises between the parties regarding the performance of any party under the terms of this Agreement.

Section VIII. Sovereign Immunity.

The parties understand and agree that nothing in this Agreement is intended, nor shall it be construed, to waive the sovereign immunity of the Tribe.

Section IX. Term of Agreement.

This Agreement shall remain in effect until terminated by the City, County or the Tribe. Either party may terminate this Agreement for convenience by giving sixty (60) days' written notice to the other party in accordance with Section X of this Agreement. The Tribe's obligation to make in lieu tax payments shall survive the termination of this Agreement provided that the Tribe remains obligated under federal law to make in lieu tax payments and that federal appropriations are made to the Tribe for such purposes.

Section X. Notice.

Any notices, payments, demands or communications required or permitted under this Agreement shall be in writing and shall be deemed to have sufficiently been given if personally served on or delivered by commercial courier, or sent certified or registered mail, return-receipt requested and postage prepaid, and addressed to the other party at the following addresses:

County: Office of the County Counsel
County of Siskiyou
P.O. Box 659
Yreka, CA 96097

City: Office of the City Manager
City of Yreka
701 fourth Street
Yreka, CA 96097

Karuk Tribe of
California: Chairman, Tribal Council
P.O. Box 1016
Happy Camp, CA 96039

Or, at such other address as any party shall hereafter furnish the other in writing. If mailed, such notice shall be deemed to have been made on the third (3rd) day after posting, or on the date actually received, whichever occurs first. If sent by a commercial courier that guarantees next-day delivery, such notice shall be deemed to have been made on the first (1st) business day after delivery to the courier, with fee paid and next-day delivery designated.

Section XI. Severability.

If any provision in this Agreement shall be held invalid or unenforceable by a court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision of this Agreement, and the affected parties shall negotiate in good faith to amend this Agreement to effectuate fully their intent as embodied in this Agreement.

Section XII. Entire Agreement; Modification.

There is no agreement or promise on the part of any party to do or omit to do any act or thing not herein mentioned. All prior agreements between or among the parties, in any combination, whether oral or written, confidential or public, express or implied, are hereby expressly superseded and replaced in full by this Agreement, which constitutes the entire agreement between the parties and may not be effectively amended, changed, modified, or altered without the written consent of the parties.

Section XIII. Consents; Reasonableness; Good Faith.

The parties agree to cooperate fully with each other and to act reasonably, in good faith, and in a timely manner in all matters hereunder so that each of them may obtain the benefits to which they are entitled hereunder and for which they have negotiated. All parties agree to negotiate in good faith and without delay as to all matters requiring negotiation. No party shall unreasonably deny, withhold or delay any consent or approval required or contemplated for any action or transaction proposed to be taken or made hereunder, except as otherwise provided herein.

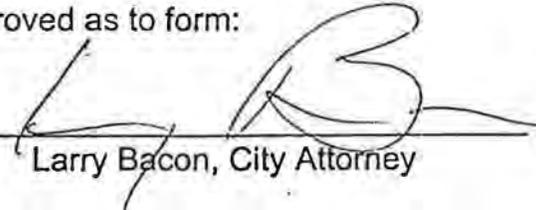
IN WITNESS WHEREOF, this Agreement is executed on behalf of the Tribe by its Chairman pursuant to Resolution No. _____ authorizing such execution, on behalf of the City by its City Manager, and by the County, acting by and through the Chair of the Board of Supervisors, pursuant to authority provided by _____.

CITY OF YREKA

By: 
M. Dale Shaddox, City Manager

Signature authorized by Council
motion 12-16-99.

Approved as to form:

By: 
Larry Bacon, City Attorney

COUNTY OF SISKIYOU

By: *Sandra Erickson*
Chairman, Board of Supervisors

Approved as to form:

By: *Frank J. DeMarco*
Frank J. DeMarco, County Counsel

KARUK TRIBE OF CALIFORNIA

By: *Alvis Johnson*
Alvis Johnson, Chairman
Tribal Council

karuk tribe\housing\NAHASDA AgrYreka1.D09

ATTEST:

COLLEEN BAKER

County Clerk & Ex-Officio
Clerk of the Board

By: *Pennie A. Blair*
Deputy

APPENDIX C

*MEMORANDUM OF AGREEMENT BETWEEN KARUK TRIBE OF CALIFORNIA AND
HAPPY CAMP COMMUNITY SERVICES DISTRICT*

MEMORANDUM OF AGREEMENT

Between
Karuk Tribe of California
And
Happy Camp Community Services District

This Memorandum of Agreement is made between the Karuk Tribe of California, a federally recognized Indian Tribe, also referred to as the Tribe and the Happy Camp Community Services District, also referred to as the District.

NOW, THEREFORE, IT IS AGREED by the parties hereto as follows:

A. Purpose

The purpose of this Memorandum of Agreement is to address issues relating to water service, bonds, assessments, taxes, and fees between the Parties and to resolve issues and concerns relating to properties the Karuk Tribe proposes to convey to the United States of America in trust for the Tribe.

F. Responsibilities

(a) Happy Camp Community Services District Agrees:

That it will continue to provide water services to those housing units and buildings owned or operated by the Karuk Tribe of California in the same manner that it has done so in the past.

District user policies regarding water service will be applied in the same manner as other District customers.

To support Karuk Tribal applications to convey real property to the United States in trust for the Karuk Tribe of California.

To participate in an annual meeting with the Tribe to determine the percentage of property tax, bonds and special

assessments due to the District, for payments in lieu of taxes.

(b) The Karuk Tribe agrees:

That the Karuk Tribe will be responsible for hookup and monthly user fees for tribally owned non-housing related properties.

The Karuk Tribe grants permission to the District to enter upon or across tribal property so as to allow the District to carry out its duties under this Agreement.

That land owned by the Tribe shall continue to be subject to fees, assessments, obligations and easements in the same manner as other District customers.

The Karuk Tribe agrees to pay the percentage of property tax, bonds and special assessments that would have been paid to the District for Tribal trust land that is conveyed to the United States from this point forward.

IN WITNESS WHEREOF, this agreement is executed by the parties on the date first above written.

Jed Beck
President, HCCSD

Date: 4/12/06

Bill
Vice Chairman, Karuk Tribe

Date: 4-13-06

APPENDIX D

*MEMORANDUM OF AGREEMENT BETWEEN KARUK TRIBE OF CALIFORNIA AND
HAPPY CAMP SANITARY DISTRICT*

MEMORANDUM OF AGREEMENT

Between
Karuk Tribe of California
And
Happy Camp Sanitary District

This Memorandum of Agreement is made between the Karuk Tribe of California, a federally recognized Indian Tribe, also referred to as the Tribe and the Happy Camp Sanitary District, also referred to as the District.

NOW, THEREFORE, IT IS AGREED by the parties hereto as follows:

A. Purpose

The purpose of this Memorandum of Agreement is to address issues relating to sanitation service, bonds, assessments, taxes, and fees between the Parties and to resolve issues and concerns relating to properties the Karuk Tribe proposes to convey to the United States of America in trust for the Tribe.

F. Responsibilities

(a) Happy Camp Sanitary District Agrees:

That it will continue to provide sanitary services to those housing units and buildings owned or operated by the Karuk Tribe of California in the same manner that it has done so in the past.

District user policies regarding sanitary service will be applied in the same manner as other District customers.

To support Karuk Tribal applications to convey real property to the United States in trust for the Karuk Tribe of California.

To participate in an annual meeting with the Tribe to determine the percentage of property tax, bonds and special

assessments due to the District, for payments in lieu of taxes.

(b) The Karuk Tribe agrees:

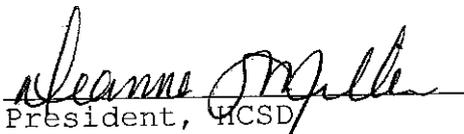
That the Karuk Tribe will be responsible for hookup and monthly user fees for tribally owned non-housing related properties.

The Karuk Tribe grants permission to the District to enter upon or across tribal property so as to allow the District to carry out its duties under this Agreement.

That land owned by the Tribe shall continue to be subject to fees, assessments, obligations and easements in the same manner as other District customers.

The Karuk Tribe agrees to pay the percentage of property tax, bonds and special assessments that would have been paid to the District for Tribal trust land that is conveyed to the United States from this point forward.

IN WITNESS WHEREOF, this agreement is executed by the parties on the date first above written.



President, HCSD

Date: 4-13-06



Chairman, Karuk Tribe

Date: 4-13-06

APPENDIX E

DESCRIPTION OF AFFECTED ENVIRONMENT

APPENDIX E

DESCRIPTION OF AFFECTED ENVIRONMENT

This document presents relevant information about existing resources and other values that may be affected by the fee-to-trust action and development/operation of the proposed facilities. Resources that are described include Land Resources, Water Resources, Air Quality, Biological Resources, Cultural Resources, Socioeconomic Conditions, Transportation, Land Use/Agriculture, Public Services, Noise, Hazardous Materials and Visual Resources.

1. LAND RESOURCES

1.1. TOPOGRAPHY

HAPPY CAMP SITES

Happy Camp is located at the mouth of Indian Creek on the Klamath River within the Klamath Mountains. The topography of the area includes steep mountainsides and broad river terraces. The Evans/Tello parcels (including Evans I, Evans II and Tello) are located at the northern edge of the town where the gently sloping river terraces along Indian Creek transition to steep, heavily forested terrain. Two main drainages flow north to south through the parcels – Ranch Gulch, a seasonal creek on the eastern side of Evans I, and an unnamed ephemeral drainage in the western side of Evans I. Elevation of these parcels range from 1,250 to 1,750 feet above mean sea level. The Skyline/Hillside parcels are located on a gently sloping river terrace of the Klamath River. Elevation of these parcels range from 1,120 to 1,150 feet above mean sea level. This terrace is about 50 feet higher in elevation than the banks for the Klamath River.

YREKA/OOM SITE

Yreka is located at the western side of the Shasta Valley at the edge of the Klamath Mountains. The Cascade Range borders the eastern side of the valley. The Oom parcels (including Oom, and Oom Entrance Road) are located on the northern side of the Kilgore Hills which border the Shasta Valley. The Oom parcel is in a saddle between low hills, with unnamed ephemeral drainages flowing east and west from the site. The elevation of the Oom parcel ranges from 2,830 to 2,960 feet above mean sea level. The Oom Entrance Road parcel is gently sloping with an elevation of approximately 2,830 feet above mean sea level.

1.2. GEOLOGY

The project sites are within the Klamath Mountains geologic province. The geologic units in the region originated as large blocks of oceanic crust and island arcs that merged with and built up the edge of the North American continental plate. These accreted terranes were scraped off the subducting oceanic plate and accumulated along the overriding continental plate, gradually expanding the continent westward. Happy Camp is located within the Western Klamath Terrane, while Yreka is located at the eastern edge of the Eastern Klamath Terrane.

HAPPY CAMP SITES

The Western Klamath Terrane is a structurally complex assortment of sedimentary, metasedimentary, volcanic and metavolcanic rocks. Two geologic units meet at Happy Camp. To the west are Jurassic marine rocks that formed 250 to 150 million years ago, primarily slate and greywacke. To the east are Paleozoic marine rocks that formed 400 to 200 million years ago, primarily argillite (a compact rock derived from mudstone or shale) and chert. The unnamed drainage on the Evans I parcel approximates the mapped division between these two units. The Skyline and Hillside parcels are within the eastern slate/greywacke unit (Jennings, et al, 1977).

YREKA/OOM SITE

The Eastern Klamath Terrane is a structurally complex stack of volcanic and sedimentary strata. The Oom and Oom Entrance Road parcels are in an area mapped as Cretaceous marine rocks that formed 145 to 66 million years ago, primarily sandstone and mudstone (Jennings, et al, 1977).

1.3. SEISMICITY

Earthquakes are caused by the sudden rupturing of the earth along faults (weak portions of the earth's crust). The project sites are in a region that is identified by the California Geological Society as being distant from known, active faults that will experience lower levels of shaking less frequently. In most earthquakes, only weaker, masonry buildings would be damaged. However, very infrequent earthquakes could still cause strong shaking here (CGS, 2003). No faults are mapped in the region that show evidence of activity within the last 1.6 million years. The nearest fault with Holocene fault displacement (during the past 11,700 years without historic record) is the Cedar Mountain Fault Zone located approximately 35 miles east of Yreka (CGS, 2010).

The Seismic Safety and Safety Element of the Siskiyou County General Plan states that over a 120-year period, nine or ten earthquakes capable of "considerable damage for poorly built or badly designed structures" have occurred in the region. No deaths have been reported from these quakes, and building damage was considered minor or unreported. No known damage has resulted from an earthquake in the Happy Camp and Yreka areas (Siskiyou County, 1975).

1.4. SOILS

HAPPY CAMP SITES

The National Forest Service has mapped three soil types within the Happy Camp parcels: 114 - Clallam, deep-Goldridge, gravelly families association, 30 to 90 percent slopes; 132 - Goldridge, gravelly-Clallam, deep-Prather families association, 30 to 90 percent slopes; and 139 - Holland-Aiken families association, 2 to 15 percent slopes (NFS, 1982). The location of the soil units is shown in **Figure 1**. The soil families which include these types are described below.

The Clallam, deep family consists of deep, well drained soils on mountainsides and moraines having slopes from 2 to 90 percent. These soils have a depth of 40 to over 60 inches to bedrock. These soils formed from fractured metamorphic rock and material accumulated on the surface as the result of erosion and glaciers. These soils are well-drained with moderate to high erosion hazard, and moderately slow to moderate permeability. The shallow A horizons (0 to 7 inches) are gravelly loam with rock fragments making up 20 to 90 percent of the volume. The deeper B horizons (7 to 30 inches) are very gravelly, or very cobbly loam or clay loam with rock fragments comprising 35 to 70 percent by volume. The deepest C horizons are very gravelly clay loam with 55 to 85 percent rock fragments.

The Goldridge, gravelly family consists of deep and very deep, well drained soils on mountainsides, landslides and ridges having slopes from 30 to 50 percent. These soils have a depth of 40 to over 60 inches to bedrock. As with the Clallam family, these soils formed from fractured metamorphic rock and material accumulated on the surface as the result of erosion. These soils are well-drained with moderate erosion hazard, and moderately slow to moderate permeability. The shallow A horizons (0 to 4 inches) are very gravelly or extremely gravelly loam with 50 to 70 percent gravel. The deeper B horizons (4 to 30 inches) are gravelly or very gravelly loam or clay loam with 20 to 50 percent gravel. The soils lack a distinct C horizon.

The Holland family consists of deep or very deep, well drained soils on mountainsides, river terraces and benches having slopes from 30 to 50 percent. These soils have a depth of 40 to over 60 inches to bedrock. These soils formed from alluvium (deposits of clay, silt, sand and gravel left by a creek or river), and from igneous and metamorphic material accumulated on the surface as the result of erosion. These soils are well-drained with moderate erosion hazard, and slow to moderately slow permeability. The shallow A horizons (0 to 8 inches) are gravelly or very gravelly loams or sandy loams with 10 to 50 percent gravel. The deeper B horizons (8 to 60+ inches) are sandy clay loams, or gravelly or very gravelly clay loams. Coarse fragments are less than 35 percent by volume. The soils lack a distinct C horizon.

The Aiken family consists of deep or very deep, well drained soils on broad ridges, mountainsides and high terraces having slopes from 2 to 50 percent. These soils have a depth of 40 to over 60 inches to

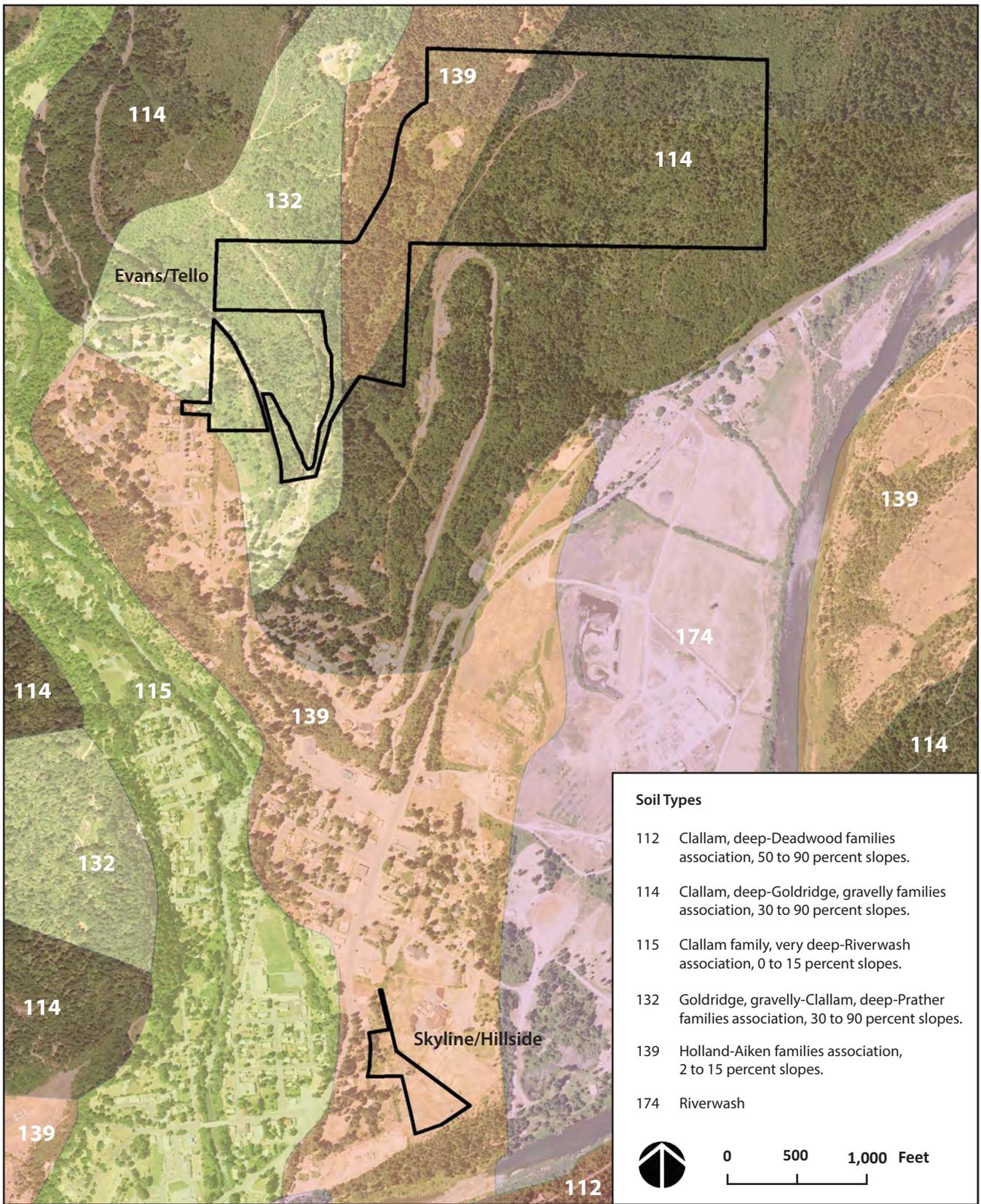


Figure 1
Happy Camp Soil Map

bedrock. These soils formed from alluvium or from serpentinite rocks¹, which are typically olive green colored and contain hydrous magnesium iron phyllosilicate. These soils are well-drained with moderate erosion hazard, and slow to moderately slow permeability. The shallow A horizons (0 to 9 inches) are gravelly clay loam, loam, or sandy loam, with 15 to 35 percent rock fragments. The deeper B horizons (9 to 49 inches) are clay loam, gravelly clay loam, clay or gravelly clay with 0 to 35 percent rock fragments. The deepest C horizons (49 to 67 inches) are loam, silt loam, or clay loam.

YREKA/OOM SITE

The Soil Conservation Service has mapped three soil types within the Oom parcels: 148 - Duzel-Jilson-Facey complex, 15 to 50 percent slopes; 155 – Hilt sandy loam, 2 to 15 percent slopes; and 158 - Hilt-Rock outcrop complex, 2 to 50 percent slopes (SCS, 1983). The location of the soil units is shown in **Figure 2**. The soil series which include these types are described below.

The Duzel series consists of moderately deep, well drained soils on hills and mountainous uplands having slopes of 5 to 75 percent. Depth of the Duzel-Jilson-Facey complex series soil extends down 20 to 40 inches. Duzel soils are formed in weathered metamorphic rocks. Metamorphic rocks are formed from a heat/pressure transformation of existing rock. In the case of the Duzel series, the metamorphosed rock is either igneous or sedimentary rocks. Igneous rocks form through cooling and solidification of magma or lava. As mentioned before, sedimentary rocks are formed through deposition and cementation of material either on the earth's surface or within bodies of water. These soils are well-drained with medium to very rapid runoff, moderately slow permeability, and high erosion hazard. The shallow A horizons (0 to 11 inches) are gravelly loam or loam. The subsoils are gravelly loam or clay loam. The underlying sedimentary rock is sandstone or sandstone conglomerate that contains well rounded quartzite fragments that are of coarse pebble or cobblestone size. The rock is normally moderately weathered in the upper 10 to 16 inches and gradually becomes hard. The Hilt soils are in a transition zone from grassland to mixed coniferous forest. Hard bedrock is at depth below 40 inches.

The Hilt series consists of moderately deep, well drained soils on hills with 2 to 50 percent slopes. Depth of the Hilt series soil extends down 20 to 40 inches. Hilt soils are formed in material weathered from sedimentary rocks of the Hornbrook Formation that includes both sandstone and quartzitic conglomerate. Sedimentary rocks are formed through deposition and cementation of material either on the earth's surface or within bodies of water. These soils are well-drained with medium to rapid runoff, moderately slow permeability, and moderate to high erosion hazard. The shallow A horizons (0 to 11 inches) are sandy loam and the subsoils are sandy clay loam. The underlying sedimentary rock is sandstone or sandstone conglomerate that contains well rounded quartzite fragments that are of coarse pebble or cobblestone size. The rock is normally moderately weathered in the upper 10 to 16 inches and

¹ As identified in Section 3.1.4, no known serpentinite rocks are identified in the underlying geology.

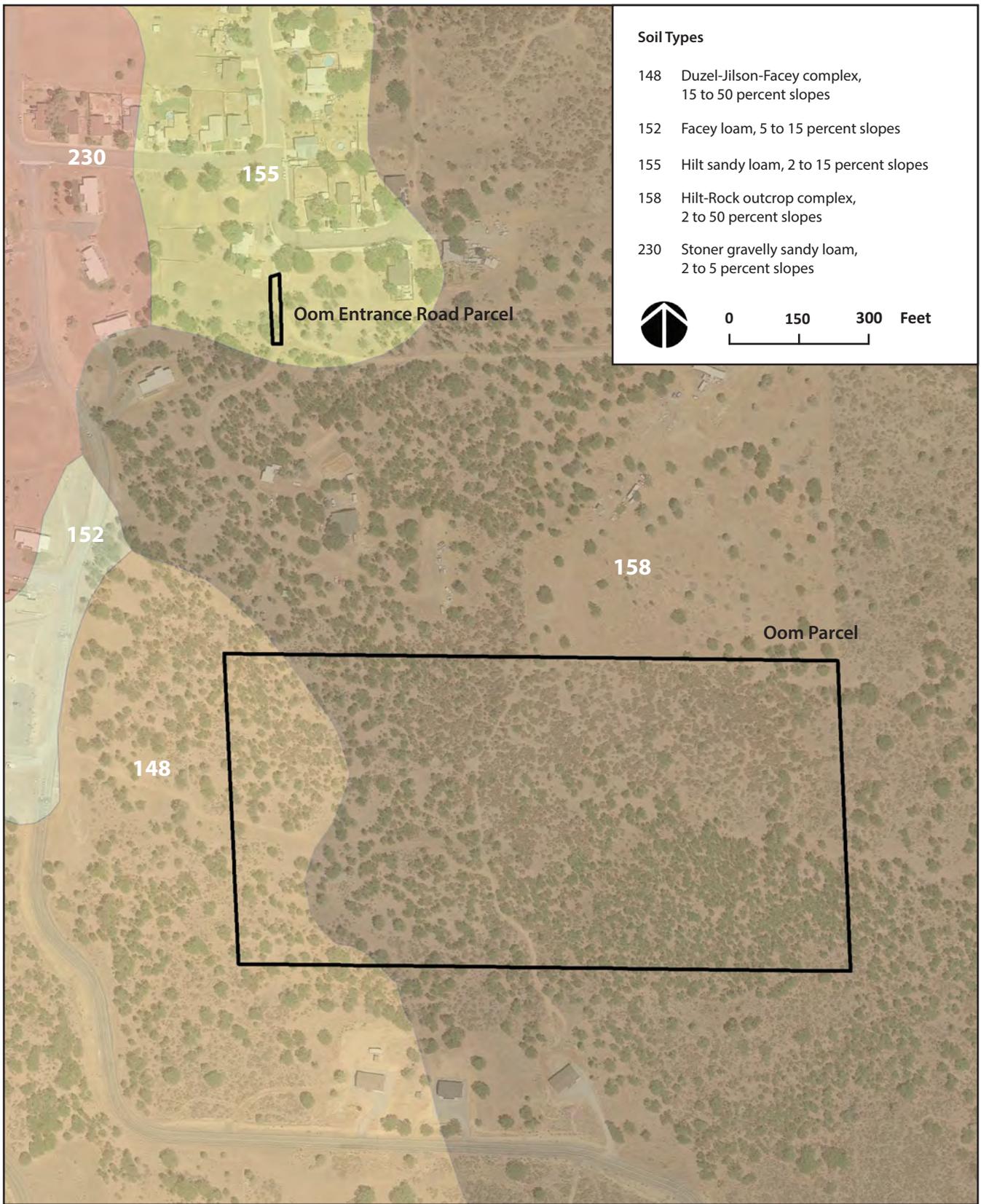


Figure 2
Oom Soil Map

gradually becomes hard. The Hilt soils are in a transition zone from grassland to mixed coniferous forest. Hard bedrock is at depth below 40 inches.

1.5. MINERAL RESOURCES

HAPPY CAMP SITES

The Klamath Mountains regions is the second-most productive province (after the Sierra Nevada) in California. A number of gold, copper and jade mines were developed in Happy Camp during the early gold rush period, but were mostly abandoned by the 1860s. Gold was mostly recovered from placer deposits in the alluvium of river beds and benches. Hard rock mining also occurred in the area where copper and gold was found in lodes (veins of ore) in the fissures of schist. Gold prospecting continues in the Happy Camp area as a recreational activity along the Klamath River and tributary creeks.

YREKA/OOM SITE

Yreka flats was the site of a gold discovery in 1851, which led to the establishment of the City of Yreka. Dredge mining occurred along Yreka Creek between the 1850s and 1930s. The resource is considered depleted and is no longer mined commercially. Recreational gold mining continues in the area and helps to support tourism.

1.6. PALEONTOLOGICAL RESOURCES

Paleontology is the study of the remains, typically fossilized, of various plant or animal species such as dinosaurs and early mammals and not the traces of human cultural activity or human remains themselves. Paleontological remains are typically found in sedimentary rock formations, such as limestone, shale, and sandstone. Fossils are most common in limestones, which consist partly or mostly of the shells of organisms. Fossils are also common in shales, which form from muds. Only some sandstones contain fossils as the water or air currents forming the initial deposits are not conducive to preserving traces of life. Fossils are rarely found in igneous or metamorphic geology as the heat and pressure associated with the formation these rocks preclude the preservation of remains. While no comprehensive paleontological studies have been conducted within Siskiyou County, the University of California Museum of Paleontology has records of 96 specimens found in the County (UCMP, 2016), most of which are invertebrates, but also include the remains of mammoth, mastodon, camel and shrub-ox. The geology of the Happy Camp area includes slate, greywacke, argillite and chert, all of which are sedimentary rocks with potential to have fossils. The geology of the Oom project area includes sandstone and mudstone, which have the potential for fossil remains.

2. WATER RESOURCES

2.1. REGIONAL CLIMATE

The project sites are located within the lower Klamath River basin. The climate of the region varies greatly according to elevation, topography and proximity to the Pacific Ocean. The valleys have hot summer days, cool summer nights and mild winters with little snow. The higher elevations have cool summers and severe winters (Siskiyou County, 2005). Happy Camp has annual average precipitation of 49.5 inches, with most precipitation coming as rain between October and May, but with an annual average of 19.7 inches of snow². The hottest month is July with an average maximum temperature of 95° F and an average minimum temperature of 51.2° F. The coolest month is January with an average maximum temperature of 46.3° F and an average minimum temperature of 30.7° F (Western Regional Climate Center, 2016).

Yreka has annual average precipitation of 18.5 inches, most falling as rain between October and May. Yreka receives an annual average of 18.2 inches of snow. The hottest month is July with an average maximum temperature of 91.3° F and an average minimum temperature of 52.2° F. The coolest month is January with an average maximum temperature of 44.3° F and an average minimum temperature of 24° F (Western Regional Climate Center, 2016).

2.2. SURFACE WATER, DRAINAGE, FLOODING

HAPPY CAMP SITES

Watershed

The Happy Camp project sites are located within the Lower Klamath River Watershed of the Klamath River Basin. The Indian Meadows site is within the smaller sub-watershed of Indian Creek. Indian Creek drains a watershed area of 135 square miles and feeds into the Klamath River at Happy Camp. The Indian Meadows site drains to the southwest approximately 1,200 feet to Indian Creek. The Skyline site is located within the Thompson Creek-Klamath River sub-watershed, which covers 105 square miles. The Skyline site drains to south approximately 350 feet to the Klamath River (USGS, 2016).

Flooding

The applicable Flood Insurance Rate Map (FIRM) for the Happy Camp sites are Panel Numbers 06093C0945D and 06093C0965D. These maps were published by the Federal Emergency Management Agency (FEMA) effective January 19, 2011. Both the Indian Meadows and Skyline sites are located in Zone X, which is defined by FEMA as an area determined to be outside the 0.2% annual chance floodplain.

²/ Measured in depth of snow, not the water equivalent of snow.

YREKA/OOM SITE**Watershed**

The Oom project site is located within the Shasta River Watershed of the Klamath River Basin. The Oom site is located on a divide between two sub-watersheds – Yreka Creek and Bunton Hollow Creek/Shasta River. The western half of the site drains to the northwest by unnamed drainages approximately 1.5 miles to Yreka Creek. Yreka Creek drains a watershed area of 51 square miles and feeds into Shasta River 3 miles north of Yreka. The eastern half of the Oom site drains to the northeast by unnamed drainages approximately 3.5 miles to Shasta River. Shasta River drains a total watershed area of 794 square miles and flows north to join the Klamath River approximately eight miles north of Yreka (USGS, 2016).

Flooding

The applicable Flood Insurance Rate Map (FIRM) for the Oom site is Panel Numbers 06093C1600D. This map was published by the Federal Emergency Management Agency (FEMA) effective January 19, 2011. The site is located in Zone X, which is defined by FEMA as an area determined to be outside the 0.2% annual chance floodplain.

2.3. GROUNDWATER***HAPPY CAMP SITES***

The Happy Camp project sites are located within the Happy Camp Town Area Groundwater Basin defined by the California Department of Water Resources. The groundwater basin is associated with Quaternary nonmarine terrace deposits (alluvium) along a short segment of the Klamath River and lower Indian Creek. The basin is bounded by the geologic units of the surrounding Klamath Mountains that are composed of Upper Jurassic marine metasedimentary rocks to the west and pre-Silurian metamorphic rocks to the east. Domestic wells in the basin range in depth from 40 to 345 feet below ground level (bgl), with an average depth of 165 feet bgl. Annual recharge of the basin is estimated at approximately 450 acre-feet (CDWR, 2004).

YREKA/OOM SITE

The Oom project site is located within the Shasta Valley Groundwater Basin defined by the California Department of Water Resources. The primary water-bearing formation in the basin is Quaternary alluvium. Though the basin boundary is defined by alluvial deposits, the groundwater body of the entire valley appears to be hydrologically continuous with all geologic units. Although some wells produce water from the alluvium, many wells also produce water from underlying volcanic rock. The volcanic units provide storage and recharge to the basin. Due to the complexity of the region with respect to the extensive network of volcanic recharge/storage areas, the amount of groundwater in storage has not been estimated. Domestic wells in the basin range in depth from 20 to 1,183 feet bgl, with an average depth of 156 feet bgl (CDWR, 2004).

2.4. WATER QUALITY

HAPPY CAMP SITES

The Klamath River in California is listed as an impaired water body under the Clean Water Act (CWA) Section 303(d) list for temperature, nutrients, dissolved oxygen (DO), sediment, and microcystin (KTWQP, 2013). The mid-Klamath River can have elevated water temperatures, low dissolved oxygen levels, elevated sediment loads, loading from organic matter, and high levels of the cyanotoxin, microcystin. These detrimental conditions are caused by a variety of factors including the presence of Iron Gate and Copco Reservoirs, hydrological modification, agricultural use, timber harvesting, mining activities, and fire suppression (KTWQP, 2013). Extensive agriculture in the Shasta and Scott Valleys in the upper basin as well the Iron Gate and Copco dams are major contributors to water quality degradation. Some of the beneficial uses that are important to the Karuk Tribe and impacted by poor water quality conditions are, cultural use (CUL), subsistence fishing (FISH), cold freshwater habitat (COLD), recreation (REC-1 and 2), commercial and sport fishing (COMM), shellfish harvesting (SHELL), rare, threatened, or endangered species (RARE), migration of aquatic organisms (MIGR), spawning, reproduction, and/or early development (SPWN), and wildlife habitat (WILD) (KTWQP, 2013).

The Indian Creek watershed is primarily forested mountainsides which provides colder water with low turbidity (Klamath Nation Forest, 1997). The Grey Eagle Mine (a former copper mine) is a Superfund site located 5.5 miles north of Happy Camp at the edge of Indian Creek. Mine tailings at the site were discharging acid mine drainage into Indian Creek as recently as the Fall 2000 when a water quality survey was conducted by the Karuk Tribe Department of Natural Resources and Water Quality Technology, Inc. The Grey Eagle Mine's acid mine drainage flows of approximately 0.25 cfs to Indian Creek were found to contain elevated levels of arsenic (0.027 mg/L), iron (101 mg/L), nickel (0.15 mg/L), and zinc (0.91 mg/L), and had a pH of 2.8 standard units (Karuk Department of Natural Resources, 2001).

No publicly available groundwater quality data exists for the Happy Camp Town Area Groundwater Basin. Most residents within the town obtain their water from the Happy Camp Community Services District, which obtains its supply from surface water.

YREKA/OOM SITE

The United States Environmental Protection Agency (USEPA) added the Shasta River watershed to California's 303(d) List of Impaired Waters (303(d) List) in 1992 due to organic enrichment/low dissolved oxygen and in 1994 due to elevated temperature. The Shasta River watershed has continued to be identified as impaired in subsequent 303(d) listing cycles, the latest in 2002. These listings of the Shasta River watershed apply to the Shasta River from its mouth to headwaters, and include all tributaries (including Yreka Creek) and Lake Shastina (NCRWQCB, 2006a).

Low dissolved oxygen concentrations and elevated water temperatures in the Shasta River, its tributaries, and Lake Shastina have resulted in degraded water quality conditions that do not meet applicable water

quality objectives and that impair designated beneficial uses, most critically habitat for coho and Chinook salmon, trout, and lamprey. The North Coast Regional Water Quality Control Board has adopted Total Maximum Daily Loads (TMDL) to address water quality impairments and implement strategies to improve those conditions (NCRWQCB, 2006b).

Groundwater in the basin is characterized as magnesium bicarbonate and calcium bicarbonate type water. These minerals are commonly associated with hard water and are a natural result of the interaction of acidic, carbon dioxide laden rain water with naturally occurring minerals in the earth. Locally high magnesium, iron, fluoride, nitrate, chloride, sodium, sulfate, hardness, and total dissolved solids concentrations occur within the basin. Total dissolved solids range from 131- to 1,240-mg/L, averaging 406 mg/L (CDWR, 2004).

3. AIR QUALITY/GREENHOUSE GAS

3.1. AIR QUALITY

TERMINOLOGY

“Air Pollution” is a general term that refers to one or more chemical substances that degrade the quality of the atmosphere. Individual air pollutants may adversely affect human or animal health, reduce visibility, damage property, and reduce the productivity or vigor of crops and natural vegetation.

Air quality at a particular location is a function of the kinds, amounts, and dispersal rates of pollutants being emitted into the air locally and throughout an air basin. The major factors affecting air pollutant dispersion are wind speed and direction, the vertical dispersion of pollutants, and the local topography.

Air quality issues arise when the rate of pollutant emissions exceeds the rate of dispersion. Air quality in California is commonly expressed as the number of days in which air pollution levels exceed standards set by the California Air Resources Board (CARB) and the US Environmental Protection Agency (EPA).

POLLUTANTS OF CONCERN

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state laws. These regulated air pollutants are known as criteria air pollutants and are categorized into primary and secondary pollutants. Primary air pollutants are those that are emitted directly from sources. Carbon monoxide (CO), reactive organic gases (ROG), nitrogen oxide (NOX), sulfur dioxide (SO₂), particulate matter (PM₁₀) and fine particulate matter (PM_{2.5}), lead, and fugitive dust are primary air pollutants. Of these, CO, SO₂, PM₁₀, and PM_{2.5} are criteria pollutants. ROG and NOX are criteria pollutant precursors and go on to form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. Ozone (O₃) and nitrogen dioxide (NO₂) are the principal secondary pollutants. **Table 1** summarizes the criteria air pollutants and their known health effects.

TABLE 1
CRITERIA AIR POLLUTANT SOURCES AND EFFECTS

Pollutant	Major Man-Made Sources	Human Health Effects
Carbon Monoxide (CO)	An odorless, colorless gas formed when carbon in fuel is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.
Nitrogen Dioxide (NO ₂)	A reddish-brown gas formed during fuel combustion for motor vehicles and industrial sources. Sources include motor vehicles, electric utilities, and other sources that burn fuel.	Respiratory irritant; aggravates lung and heart problems. Precursor to ozone. Contributes to global warming and nutrient overloading which deteriorates water quality. Causes brown discoloration of the atmosphere.
Ozone (O ₃)	Formed by a chemical reaction between reactive organic gases (ROGs) and nitrous oxides (NO _x) in the presence of sunlight. Common sources of these precursor pollutants include motor vehicle exhaust, industrial emissions, gasoline storage and transport, solvents, paints, and landfills.	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing, and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.
Particulate Matter (PM ₁₀ & PM _{2.5})	Produced by power plants, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; asthma; chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility.
Sulfur Dioxide (SO ₂)	A colorless gas formed when fuel containing sulfur is burned and when gasoline is extracted from oil. Examples are petroleum refineries, cement manufacturing, metal processing facilities, locomotives, and ships.	Respiratory irritant. Aggravates lung and heart problems. In the presence of moisture and oxygen, sulfur dioxide converts to sulfuric acid which can damage marble, iron and steel. Damages crops and natural vegetation. Impairs visibility. Precursor to acid rain.

Source: CAPCOA, 2017.

AMBIENT AIR QUALITY

The region's air quality benefits from its rural character and remoteness from the state's urban centers. The air basin receives no transported air pollution from major urban areas (Carle, 2006). Within Siskiyou County, the primary sources of air pollution are wood burning stoves, wildfires, farming operations, unpaved road dust, managed burning and disposal, and motor vehicles.

The Foothill Drive air quality monitoring station in Yreka is the closest station to the project area. This station monitors ambient concentrations of ozone, PM₁₀, and PM_{2.5}. **Table 2** summarizes the published

data since 2013 from the Yreka-Foothill Drive air quality monitoring station for each year that monitoring data is available.

TABLE 2
SUMMARY OF AMBIENT AIR QUALITY DATA

Pollutant Standards	2014	2015	2016
Ozone			
Max 1-hour concentration (ppm)	0.082	0.076	0.092
Max 8-hour concentration (ppm) (state/federal)	0.066 / 0.065	0.067 / 0.066	0.069 / 0.068
Number of days above state 1-hour standard	0	0	0
Number of days above state/federal 8-hour standard	0 / 0	0 / 0	0 / 0
Respirable Particulate Matter (PM10)			
Max 24-hour concentration ($\mu\text{g}/\text{m}^3$) (state/federal)	82.9 / 90.6	59.6 / 65.5	* / *
Estimated Number of days above state/federal standard	* / 0	0 / 6.1	* / *
Fine Particulate Matter (PM2.5)			
Max 24-hour concentration ($\mu\text{g}/\text{m}^3$) (state/federal)	71.9 / 71.9	51.0 / 51.0	9.1 / 9.1
Estimated Number of days above federal standard	12.3	*	*
Notes: $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter; ppm = parts per million * = Insufficient data to determine value Source: CARB, 2017a.			

SENSITIVE RECEPTORS – HAPPY CAMP SITES

The Indian Meadows and Skyline sites are vacant. Adjacent land uses consist of residential neighborhoods and undeveloped lands. The Skyline site also borders the Happy Camp Elementary School. The residential uses and elementary school in the project vicinity are considered sensitive receptors.

SENSITIVE RECEPTORS – YREKA/OOM SITE

The Oom project site is vacant. The surrounding land uses consist of a low-density residential neighborhood to the north, south and west, undeveloped lands to the east, and the Karuk Tribe Housing Authority (KTHA) to the west across Apsuun Road. The residential uses and KTHA office in the project vicinity are considered sensitive receptors.

NATURALLY OCCURRING ASBESTOS

Portions of Siskiyou County are underlain by ultramafic rock formations which contains naturally occurring asbestos. Asbestos is a health hazard when friable asbestos-containing materials become

airborne. Inhalation of asbestos can cause fibrotic lung disease (asbestosis) and changes in the lining of the chest cavity (pleura). These diseases can lead to reduced respiratory function and death. Long-term inhalation of asbestos fibers also increases the risk of lung cancer and mesothelioma.

Naturally occurring asbestos is commonly found in ultramafic rock formations, including serpentine, and in the soils where these rock types are located. Several types of asbestos are found in California, with chrysotile, “white asbestos,” being the most common. Chrysotile is a soft, fibrous silicate mineral that is easily crumbled to fibrous strands. Other types of asbestos include tremolite and actinolite, which are crystal-forming minerals. Tremolite can occur in a variety of crystal shapes and sometimes occurs as asbestiform fibers. Actinolite can occur in multiple forms as dense and compact or brittle and fibrous.

The project sites are not located in areas mapped as being likely to contain serpentinite and/or ultramafic rock (NFS, 2008). Additionally, as identified in **Section 3.1.4**, no known serpentinite rocks are identified in the underlying geology. The likelihood for naturally occurring asbestos to exist on the project sites is therefore considered remote.

APPLICABLE STANDARDS AND REGULATIONS

The EPA has established ambient air quality standards for various classes of criteria pollutants through the authority of the Clean Air Act (CAA). The CAA requires the US Environmental Protection Agency (EPA) to set ambient air quality standards (AAQS) for six common pollutants, known as criteria pollutants. The pollutants regulated as criteria pollutants are: ozone (O₃), carbon monoxide (CO), sulfur dioxide (SO₂), nitrogen dioxide (NO₂), lead (Pb), and respirable and fine particulate matter (PM₁₀ and PM_{2.5}). These EPA standards are called the National Ambient Air Quality Standards (NAAQS). Additionally, the California Air Resources Board (CARB) has established the California Ambient Air Quality Standards (CAAQS). The National and California Ambient Air Quality Standards are summarized in **Table 3**.

The Project sites are located within the Northeast Plateau Air Basin (NEPAB). The Siskiyou County portion of the NEPAB is currently classified as attainment or unclassified for all pollutants under the NAAQS and CAAQS. The Siskiyou County Air Pollution Control District (SCAPCD) is the local air quality agency. The SCAPCD adopts and enforces controls on stationary sources of air pollutants through its permit and inspection programs and regulates agricultural and non-agricultural burning. Other SCAPCD responsibilities include monitoring air quality, preparing air quality plans, and responding to citizen air quality complaints. The SCAPCD does not provide specific guidance for determining the significance of impacts under the California Environmental Quality Act (CEQA) or NEPA (Sumner, 2016).

General Conformity

The 1990 Amendment to CAA Section 176 requires the federal EPA to promulgate rules to ensure that federal actions conform to the appropriate SIP. These rules, known as the General Conformity Rule (40 C.F.R. Parts 51.850–51.860 and 93.150–93.160), require any federal agency responsible for an action in a federal nonattainment/maintenance area to demonstrate conformity to the applicable SIP, by either

determining that the action is exempt from the General Conformity Rule requirements or subject to a formal conformity determination.

TABLE 3
AMBIENT AIR QUALITY STANDARDS

Pollutant	Averaging Time	California Standards	National Standards
Ozone (O ₃)	8 Hour	0.070 ppm	0.070 ppm
	1 Hour	0.09 ppm	—
Carbon Monoxide (CO)	8 Hour	9.0 ppm	9 ppm (10 mg/m ³)
	1 Hour	20 ppm	35 ppm (40 mg/m ³)
Nitrogen Dioxide (NO ₂)	1 Hour	0.18 ppm	100 ppb
	Annual Mean	0.03 ppm	53 ppb (100 µg/m ³)
Sulfur Dioxide (SO ₂)	24 Hour	0.04 ppm	75 ppb
	3 Hour	—	0.5 ppm
	1 Hour	0.25 ppm	75 ppb
Particulate Matter (PM ₁₀)	Annual Arithmetic	20 µg/m ³	N/A
	24 Hour	50 µg/m ³	150 µg/m ³
Fine Particulate Matter (PM _{2.5})	Annual Mean	12 µg/m ³	12 µg/m ³
	24 Hour	N/A	35 µg/m ³
Sulfates	24 Hour	25 µg/m	N/A
Lead	Calendar Quarter	N/A	0.15 µg/m ³
	30 Day Average	1.5 µg/m ³	N/A
Hydrogen Sulfide	1 Hour	0.03 ppm	N/A
Vinyl Chloride (chloroethene)	24 Hour	0.01 ppm	N/A
Visibility-Reducing Particles	8 Hour	Extinction of 0.23 per kilometer	N/A
Notes: ppm=parts per million; ppb=parts per billion; µg/m ³ =micrograms per cubic meter Source: USEPA, 2017; CARB, 2016.			

Actions would be exempt, and thus conform to the SIP, if an applicability analysis shows that the total direct and indirect emissions of nonattainment/maintenance pollutants from project construction and operation activities would be less than specified emission rate thresholds, known as *de minimis* levels. If not determined exempt, an air quality conformity analysis would be required to determine conformity.

The General Conformity Rule is applicable only for project criteria pollutants and their precursors for which an area is designated nonattainment or that is covered by a maintenance plan. The Proposed Action is located within the Siskiyou County portion of the NEPAB, which is in attainment or unclassified for all criteria pollutants. Therefore, the General Conformity Rule is not applicable to project emissions.

3.2. GREENHOUSE GAS

Certain gases in Earth's atmosphere, classified as greenhouse gases (GHGs), play a critical role in determining Earth's surface temperature. As solar radiation enters Earth's atmosphere from space, a portion is absorbed by Earth's surface, and a smaller portion is reflected back toward space. This absorbed radiation is then emitted from Earth as low-frequency infrared radiation. The frequencies at which bodies emit radiation are proportional to temperature. Earth has a much lower temperature than the sun; therefore, Earth emits lower frequency radiation. Most solar radiation passes through GHGs; however, infrared radiation is absorbed by these gases. As a result, radiation that otherwise would have escaped back into space is instead "trapped," resulting in a warming of the atmosphere. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate on Earth. Without the greenhouse effect, Earth would not be able to support life as we know it.

Climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants (TACs), which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (about 1 day), GHGs have long atmospheric lifetimes (1 year to several thousand years). Prominent GHGs contributing to the greenhouse effect are carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), chlorofluorocarbons (CFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). GHGs are typically quantified in terms of "carbon dioxide equivalent" (CO₂e), a common measure used to compare the emissions of various greenhouse gases based on their global warming potential. This measure is usually presented in metric tons and is expressed as MTCO₂e.

The primary GHGs associated with development are considered to have high global warming potential (GWP). GWP is a concept developed to compare the primary GHGs capability to trap heat in the atmosphere relative to another gas; GWP is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and the length of time that the gas remains in the atmosphere ("atmospheric lifetime"). GHGs emitted at lower rates than CO₂ may still contribute to climate change because they are more effective at absorbing outgoing infrared radiation than CO₂. The concept of CO₂-equivalency (CO₂e) is used to account for the different GWPs of GHGs to absorb infrared radiation.

Similarly, impacts of GHGs are borne globally, as opposed to localized air quality effects of criteria air pollutants and TACs. The quantity of GHGs that it takes to ultimately result in climate change is not precisely known; suffice it to say, the quantity is enormous, and no single action would measurably contribute to a noticeable incremental change in the global average temperature, or to global, local, or micro climates.

APPLICABLE STANDARDS AND REGULATIONS

Council on Environmental Quality

The evaluation of potential impacts is based on guidance from the White House Council on Environmental Quality (CEQ), which has issued guidance for assessing GHG emissions. CEQ issued draft guidance in 2010 and 2014 recommending that federal agencies conduct quantitative analysis for projects that emit more than 25,000 MTCO₂e. In absence of other federal guidance, federal lead agencies used this reference point in NEPA reviews to characterize the significance of GHG emissions generated by a proposed action. In 2016, CEQ issued final guidance which eliminates the reference point. In its final guidance, CEQ recommends that federal agencies quantify the GHG emissions of a proposed action where data are available and quantification tools are suitable. CEQ recommends that “as with any NEPA analysis, the level of effort should be proportionate to the scale of the emissions relevant to the NEPA review” (CEQ, 2016). CEQ also recommends that agencies “should discuss relevant approved federal, regional, state, tribal or local plans, policies, or laws for GHG emission reductions or climate adaptation to make clear whether a proposed project’s GHG emissions are consistent with such plans or laws” (CEQ, 2016). On March 28, 2017, President Trump signed Executive Order 13783 titled “Promoting Energy Independence and Economic Growth” which directed the Council on Environmental Quality to rescind its final guidance. On April 5, 2017, the CEQ withdrew its final guidance for further consideration, noting that the “withdrawal of the guidance does not change any law, regulation, or other legally binding requirement” (Fed. Reg., Vol. 82, No. 64, 16576, April 5, 2017).

California Global Warming Solutions Act of 2006 (AB 32)

The principal policy to address GHG emissions in California is Assembly Bill (AB) 32, the Global Warming Solutions Act of 2006. The Global Warming Solutions Act of 2006 first codified California’s GHG emissions targets by requiring the state’s global warming emissions to be reduced to 1990 levels by 2020 and directed CARB to enforce the statewide cap that began to phase in during 2012 (CARB, 2014). In 2007, CARB recommended and adopted the 1990 GHG emissions level and 2020 emissions limit of 427 MMTCO₂e (CARB, 2015). In 2016, the California Legislature passed Senate Bill (SB) 32, which codifies a 2030 GHG emissions reduction target of 40 percent below 1990 levels. AB 32 required the California Air Resources Board (ARB or Board) to develop a Climate Change Scoping Plan that describes the approach California will take to reduce GHGs to achieve emission reduction goals, and to update the plan every five years. CARB approved the first Scoping Plan in 2008, and the first update was approved in 2014. As part of the update, CARB revised the 2020 emissions goal to 431 MMTCO₂e based on global warming potential of the GHGs found in the Intergovernmental Panel on Climate Change’s Fourth Assessment Report. In December 2017, CARB

approved a second update that incorporates a 40 percent reduction of GHGs by 2030. The 2017 Scoping Plan establishes a 2030 emissions goal of 260 MMTCO₂e.

The currently adopted 2017 Scoping Plan (Second Update) identifies key economic sectors and GHG emission reduction strategies for each sector. The sectors include: 1) Low Carbon Energy, 2) Industry, 3) Transportation Sustainability, 4) Natural and Working Lands including Agricultural Lands, 5) Waste Management, and 6) Water. The Scoping Plan identifies actions within each sector to meet emission reduction goals. These strategies include: direct regulations; alternative compliance mechanisms, such as a low-carbon fuel standard; monetary and non-monetary incentives, including statewide energy-efficiency initiatives; voluntary actions; and market-based mechanisms such as a cap-and-trade system. These strategies broadly influence how resources are managed in the state to reduce GHG emissions, but do not identify specific criteria to evaluate whether individual development projects comply with the State's strategies. The Scoping Plan does identify measures that can be undertaken by local and regional governments to assist in the attainment of the State's GHG goals. These measures include developing climate action plans, setting emission targets, and integrating sustainable community strategies (SCS) as required by California's Sustainable Communities and Climate Protection Act of 2008. In addition, the 2017 Scoping Plan Update includes examples of municipal code changes, zoning, changes and general plan/climate action plan policies to assist in GHG reductions on a local level, as well as examples of mitigation measures that can be considered for individual development projects. CARB has been proactive in its implementation of AB 32 and is on track to meet the 2020 goal (CARB, 2017b).

Local and Regional Greenhouse Gas Policies

No local or regional climate change plans or policies have been adopted that apply to development projects within Siskiyou County or the City of Yreka (OPR, 2016; Sumner, 2017). Two regional air quality management districts in California have adopted numerical thresholds to determine the significance of project-related GHG emissions. These policies do not apply to Siskiyou County, but are presented here for comparative purposes:

- The Sacramento Metropolitan Air Quality Management District (SMAQMD) has identified a GHG significance threshold of 1,100 MTCO₂e per year for construction and operation (SMAQMD, 2016).
- The Bay Area Air Quality Management District (BAAQMD) identified a GHG significance threshold of 1,100 MTCO₂e per year for operation only (BAAQMD, 2010). However, this threshold is not currently recommended by BAAQMD due to a court order.

Other air quality management districts have not adopted a significance threshold and instead focus on compliance with GHG emission reduction plans, implementation of best performance standards, or mitigation. The San Joaquin Unified Air Pollution Control District (SJUAPCD) takes this approach, stating that "the District was not able to determine a specific quantitative level of GHG emissions increase, above which a project would have a significant impact on the environment, and below which would have an insignificant impact" (SJUAPCD, 2015). In absence of a numerical threshold, the SJUAPCD applies performance based standards to assess project-specific GHG emission impacts on global climate change. The SJUAPCD states that

its approach “is founded on the principal that projects whose emissions have been reduced or mitigated consistent with the California Global Warming Solutions Act of 2006...should be considered to have a less than significant impact on global climate change” (SJUAPCD, 2015). This approach is consistent with CEQ’s final guidance recommending that federal agencies consider the consistency of proposed actions with adopted climate action plans.

4. BIOLOGICAL RESOURCES

4.1. BIOLOGICAL SETTING

A Biological Resource Assessment has been completed for the Proposed Action and is provided as Appendix G of the Environmental Assessment. Key information from the Biological Resource Assessment is summarized below.

4.2. NATURAL COMMUNITIES

The complex geology and climatic variation of the Klamath Mountains supports a diverse range of habitat. Vegetation communities found within the project sites include arroyo willow thickets, birch leaf mountain mahogany chaparral, Douglas fir – tanoak forest, Himalayan blackberry brambles, naturalized annual and perennial grassland, Oregon white oak woodland, ponderosa pine – Douglas fir forest, and white leaf manzanita chaparral. Other land cover types present within the project sites include built-up and urban disturbance. The occurrence of the vegetation communities on the project sites are summarized in **Table 4** and shown in **Figure 3** (Skyline/Hillside), **Figure 4** (Evans/Tello), and **Figure 5** (Oom).

TABLE 4
VEGETATIVE COMMUNITIES ON PROJECT SITES

Vegetation Communities	Happy Camp		Yreka
	Skyline/Hillside	Evans/Tello	Oom
Arroyo Willow Thickets	X		
Birch Leaf Mountain Mahogany Chaparral			X
Built-Up and Urban Disturbance	X	X	
Douglas Fir – Tanoak Forest		X	
Himalayan Blackberry Brambles	X		
Naturalized Annual and Perennial Grassland	X		
Oregon White Oak Woodland			X
Ponderosa Pine – Douglas Fir Forest	X	X	
White Leaf Manzanita Chaparral		X	
SOURCE: EDS, 2018; ECORP Consulting, 2017 (Environmental Assessment, Appendix G)			

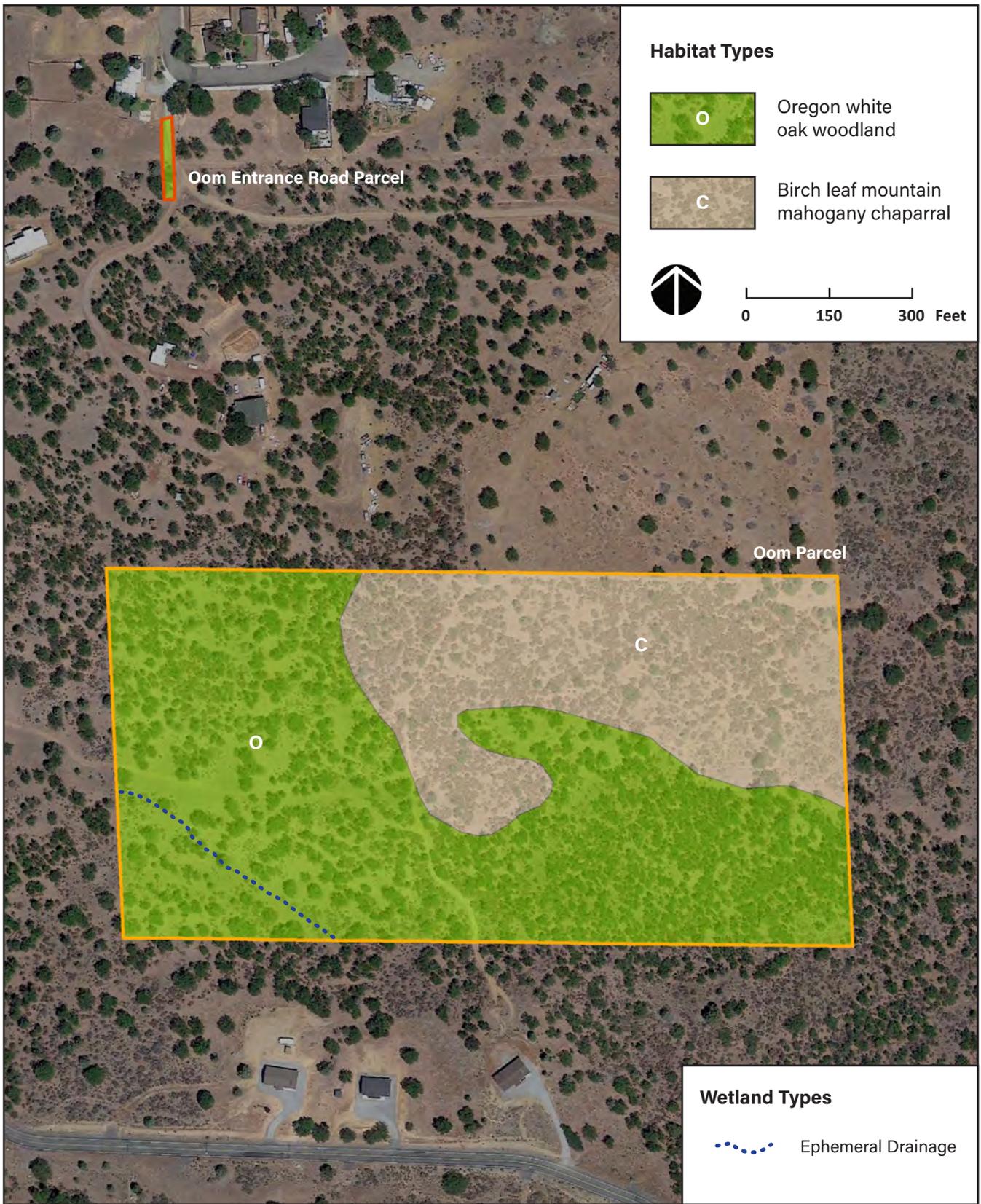


Figure 3
Oom Habitat Map

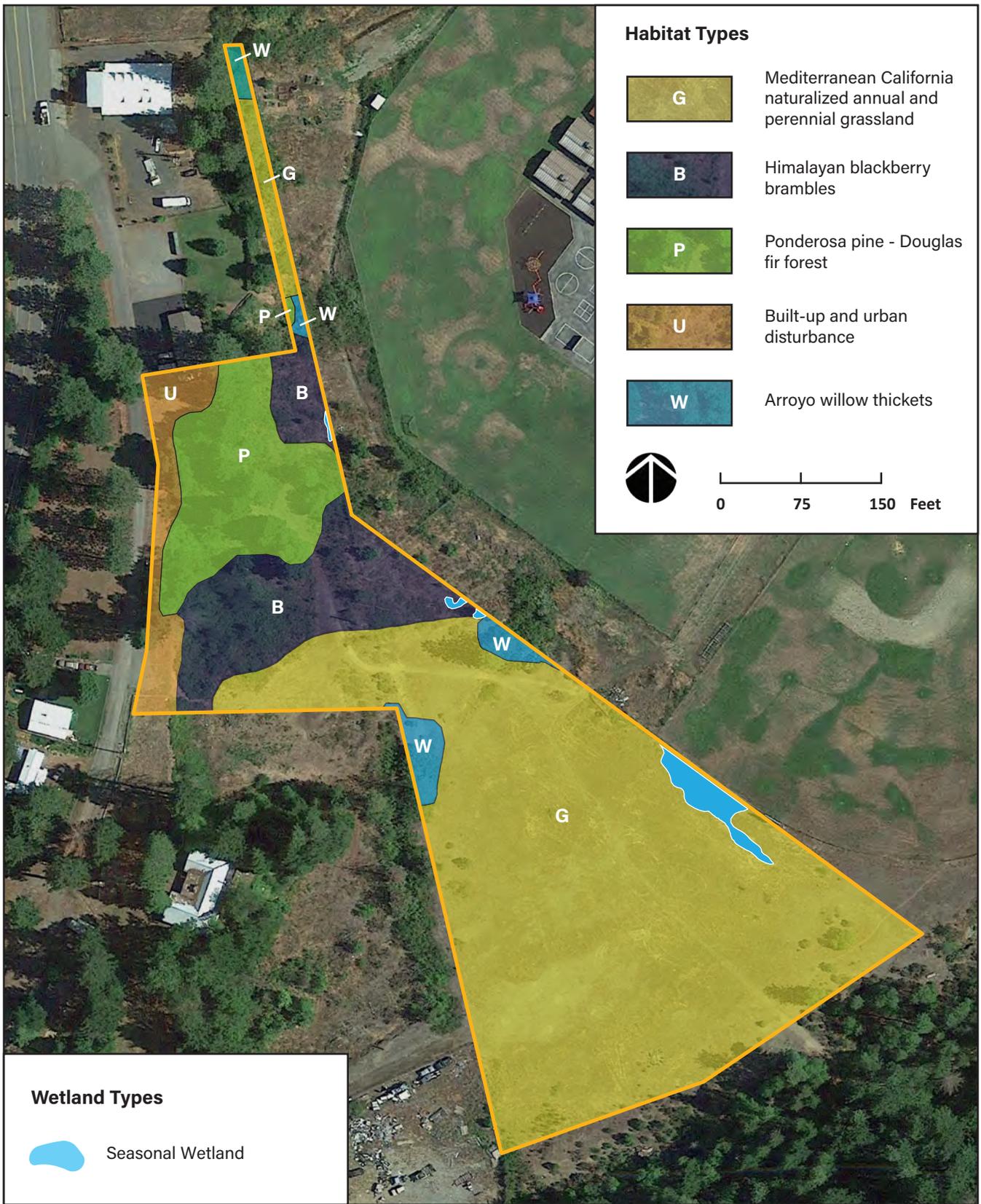


Figure 4
Skyline Habitat Map

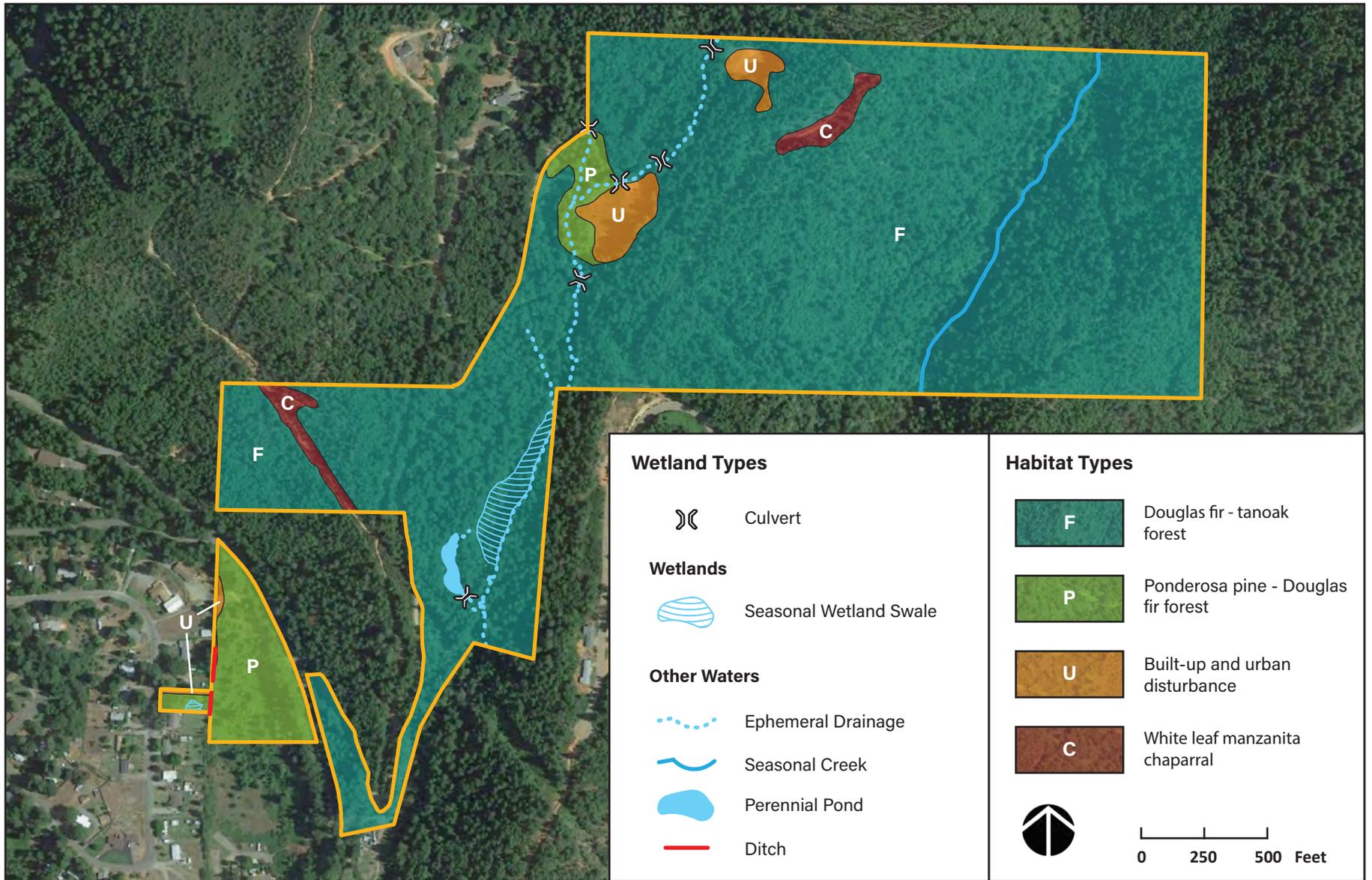


Figure 5
Evans/Tello Habitat & Wetland Map

ARROYO WILLOW THICKETS

Arroyo willow thickets occur in depressions and at the toe of slopes on the Skyline parcel. These arroyo willow thickets are dominated by a thick, low canopy of arroyo willow (*Salix lasiolepis*), which typically co-occurs with Himalayan blackberry (*Rubus armeniacus*).

BIRCH LEAF MOUNTAIN MAHOGANY CHAPARRAL

Birch leaf mountain mahogany chaparral occurs within the northeastern portion of the Oom parcel. This vegetation community is dominated by a dense shrub canopy consisting primarily of birch leaf mountain mahogany (*Cercocarpus betuloides*). Wedge-leaf ceanothus (*Ceanothus cuneatus*) is codominant in the shrub canopy. Scattered Oregon white oak (*Quercus garryana*) and western juniper (*Juniperus occidentalis*) occur at low cover in this vegetation alliance. Openings within the shrub and tree canopy are dominated by annual and perennial grasses including medusahead grass, bulbous bluegrass (*Poa bulbosa*), cheatgrass (*Bromus tectorum*), and squirrel tail grass (*Elymus elymoides*).

BUILT-UP AND URBAN DISTURBANCE

The Evans I parcel includes two former homesteads which are characterized by large areas of bare ground and a predominance of nonnative plant species including Scotch broom (*Cytisus scoparius*), Himalayan blackberry, spotted knapweed (*Centaurea stoebe*), and chicory (*Cichorium intybus*).

DOUGLAS FIR – TANOAK FOREST

Douglas fir – tanoak forest occurs throughout Evans I and Evans II parcels. This vegetation community is dominated by a dense overstory tree canopy consisting primarily of Douglas fir (*Pseudotsuga menziesii*). Tanoak (*Notholithocarpus densiflorus*) is the most common tree species present in this vegetation alliance, forming a dense understory canopy. Other common tree species present include madrone (*Arbutus menziesii*), canyon live oak (*Quercus chrysolepis*), and black oak (*Quercus kelloggii*). The shrub canopy is variable, ranging from open to dense. Common understory shrubs in this vegetation alliance include white leaf manzanita (*Arctostaphylos viscida*), poison oak (*Toxicodendron diversilobum*), Himalayan blackberry, and beaked hazelnut (*Corylus cornuta*).

HIMALAYAN BLACKBERRY BRAMBLES

Himalayan blackberry brambles occur along the ditch and in other seasonally moist areas in the northwestern portion of the Skyline and Hillside parcels. This vegetation community is dominated by a dense, low canopy consisting almost entirely of Himalayan blackberry. Arroyo willow and Scotch broom occur at low cover in this vegetation alliance.

NATURALIZED ANNUAL AND PERENNIAL GRASSLAND

Naturalized annual and perennial grassland occurs in the southern portion of the Skyline and Hillside parcels. This vegetation community consists primarily of naturalized, nonnative grass species, including

medusahead grass and seaside barley (*Hordeum marinum*). Nonnative annual forbs such as white-stemmed filaree (*Erodium moschatum*) and yellow star-thistle (*Centaurea solstitialis*) are also dominant in this vegetation alliance.

OREGON WHITE OAK WOODLAND

Oregon white oak woodland occurs within the majority the Oom and Oom Road Entrance parcels.

This vegetation community is dominated by an open canopy of Oregon white oak. Western juniper are scattered throughout the canopy at low cover. Wedge-leaf ceanothus, birch-leaf mountain mahogany, and white leaf manzanita are dominant in the shrub layer. Openings within the shrub and tree canopy are dominated by annual and perennial grasses including medusahead grass, bulbous bluegrass, cheatgrass, and squirrel tail grass.

PONDEROSA PINE – DOUGLAS FIR FOREST

Ponderosa pine – Douglas fir forest occurs within the Hillside, Evans I and Evans II parcels. This vegetation community is dominated by a mixed overstory tree canopy consisting primarily of ponderosa pine and Douglas fir. Other common tree species present include madrone, black oak, and sugar pine (*Pinus lambertiana*). The shrub canopy is sparse, and primarily consists of poison oak, Himalayan blackberry, and pink honeysuckle (*Lonicera hispidula*).

WHITE LEAF MANZANITA CHAPARRAL

White leaf manzanita chaparral occurs along roadsides and other tree canopy openings within Evans I and Evans II parcels. White leaf manzanita chaparral within the Project is dominated by a dense shrub canopy consisting primarily of white leaf manzanita. Other woody species occur at low cover, including madrone and Douglas fir.

USFWS CRITICAL HABITAT

The U.S. Fish and Wildlife Service (USFWS) designates critical habitat for the conservation of species that are listed as threatened or endangered. Extensive areas of the Klamath Mountains are designated as critical habitat for the northern spotted owl. None of the project sites are located within designated critical habitat areas. Near Yreka, the closest designated critical habitat is located approximately six miles west of the Oom site on upper Greenhorn Creek. Near Happy Camp, designated critical habitat is located approximately one mile west and one mile south of the project sites (USFWS, 2016).

4.3. POTENTIAL WATERS OF THE U.S.

Approximately 2.2 acres of potential Waters of the U.S. were identified during field surveys (**Table 5**). These include seasonal wetland, seasonal wetland swale, ditch, ephemeral drainage, perennial pond, and seasonal creek. These features are described in the following sections.

TABLE 5
POTENTIAL WATERS OF THE US

Type	Yreka	Happy Camp		Total Acreage
	Oom	Evans/Tello	Skyline/Hillside	
Wetlands				
Seasonal Wetland			0.061	0.061
Seasonal Wetland Swale		1.261		1.261
Other Waters				
Ditch		0.009		0.009
Ephemeral Drainage	0.036	0.318		0.354
Perennial Pond		0.266		0.266
Seasonal Creek		0.292		0.292
Site Totals:	0.036	2.146	0.061	2.243
SOURCE: EDS, 2018; ECORP Consulting, 2017 (Environmental Assessment, Appendix G)				

WETLANDS

Seasonal Wetland

Seasonal wetlands occur along the eastern edge of the Skyline parcel. Seasonal wetlands are ephemeral wet due to accumulation of surface runoff and rainwater within low-lying areas. Inundation periods tend to be relatively short, and these wetlands are commonly dominated by nonnative annual, and sometimes perennial, hydrophytic species. The majority of seasonal wetlands observed within the Skyline parcel are shallow features primarily dominated by seaside barley and colonial bentgrass (*Agrostis capillaris*). The northern most seasonal wetland on the Skyline parcel is significantly deeper, and is dominated by arroyo willow and Himalayan blackberry.

Seasonal Wetland Swale

Two seasonal wetland swales occur at the Evans/Tello project site. Seasonal wetland swales are sloped wetland features that convey stormwater runoff. They typically have hydric soils and support a predominance of hydrophytic vegetation, but lack an ordinary high water mark. Seasonal wetland swales are typically inundated for short periods during and immediately after rain events, but usually maintain soil saturation for longer periods during the growing season. The large seasonal wetland swale in the central portion of the Evans I parcel is primarily dominated by Himalayan blackberry, with low cover of white alder (*Alnus rhombifolia*) and bog rush (*Juncus effusus*). The seasonal wetland swale in the Tello parcel and adjacent portion of the Evans I parcel is heavily dominated by colonial bentgrass, with few scattered ponderosa pines and apple trees (*Malus pumila*) occurring around its margins.

OTHER WATERS

Ditch

Ditches are linear features that are constructed to convey storm water and/or irrigation water. A ditch occurs at the southwestern portion of Evans I parcel. The ditch is heavily dominated by Himalayan blackberry.

Ephemeral Drainage

An ephemeral drainage occurs in the southwestern corner of the Oom parcel, and several are present in the western portion of the Evans I parcel. Ephemeral drainages are linear features that exhibit a bed and bank and an ordinary high water mark. These features typically convey runoff for short periods of time during and immediately following rain events and are not influenced by groundwater sources at any time during the year. Ephemeral drainages observed during field surveys on the Evans I parcel are sparsely vegetated; however, where vegetation is present, ephemeral drainages within the Evans I parcel are dominated primarily by Himalayan blackberry. Vegetated portions of the ephemeral drainage on the Oom parcel are dominated by grasses including bulbous bluegrass and medusahead grass.

Perennial Pond

One perennial pond occurs in the southern portion of the Evans I parcel. Perennial ponds are depressional areas that are permanently inundated and support areas of open water during the growing season. Ponds exhibit an ordinary high water mark but may or may not support hydrophytic vegetation and hydric soils. The perennial pond at the Evans I parcel is mostly unvegetated due to extended periods of inundation. Vegetated portions of the perennial pond were dominated by arroyo willow.

Seasonal Creek

One seasonal creek, Ranch Gulch, occurs in the eastern portion of the Evans I parcel. Seasonal creeks are linear features that exhibit a bed and bank, an ordinary high water mark, and flow seasonally. Ranch Gulch is primarily unvegetated with a substrate of coarse sediments which are primarily gravel and sand. Vegetated portions of Ranch Gulch included primarily woody species, including white alder, big leaf maple (*Acer macrophyllum*), vine maple (*Acer circinatum*), and Himalayan blackberry.

4.4. SPECIAL-STATUS SPECIES

According to the California Natural Diversity Database (CNDDDB), there are no previously documented occurrences of federally-listed species within the project site. A list of potentially occurring special-status plant and animal species was developed based on the literature search and habitats present within the Project (see Table 3 in Appendix G of the Environmental Assessment). Based on habitat requirements and site reconnaissance, 2 plant species, 17 bird species, and 3 mammal species were identified as having the potential to occur on the project parcels. Descriptions of these species are provided below.

PLANTS

Gentner's Fritillary

Gentner's fritillary (*Fritillaria gentneri*) is listed as endangered pursuant to the federal Endangered Species Act (ESA). This species is a perennial bulbiferous herb that occurs in chaparral, cismontane woodland, and lower montane coniferous forest and sometimes is found on serpentinite soils. Gentner's fritillary blooms from April to May and is known to occur at elevations ranging from 3,300 to 9,745 feet above mean sea level (MSL). The current range of this species in California includes only Siskiyou County.

Gentner's fritillary has potential to occur within the Oom parcels in Yreka. Gentner's fritillary has not been documented within ten miles of Yreka in the CNDDDB. The woodlands and chaparral habitat at the Oom parcels in Yreka provide suitable habitat for this species.

Yreka Phlox

Yreka phlox (*Phlox hirsuta*) is listed as endangered pursuant to the ESA. This species is a perennial herb that occurs in lower montane coniferous forest and upper montane coniferous forest on serpentinite talus soils. Occurrences of this species in the vicinity of Yreka also include open woodland and grassland habitats. Yreka phlox blooms from April to June and is known to occur at elevations ranging from 2,690 to 4,920 feet above MSL. The current range of this species in California includes only Siskiyou County.

Yreka phlox has potential to occur within the Oom parcels in Yreka. Yreka phlox has been documented within 2 to 3 miles of the Oom parcels. Although no serpentinite-derived soils have been surveyed within the site, they occur in the immediate vicinity. The Oom properties provide marginal potential habitat for this species.

BIRDS

Bald Eagle

The bald eagle (*Haliaeetus leucocephalus*) has been delisted under the ESA, but is protected pursuant to the federal Bald and Golden Eagle Protection Act. It is also considered a United States Fish and Wildlife Service (USFWS) Bird of Conservation Concern (BCC). Bald eagles breed at lower elevations in the northern Sierra Nevada and North Coast ranges. It needs large lakes or rivers with abundant fish prey and large trees in the vicinity for nesting, usually in ponderosa pine woodland or mixed coniferous forests. Breeding activity occurs during late-February through September, with peaks in activity from March to June.

The bald eagle has potential to occur within the Evans/Tello and Skyline/Hillside project sites in Happy Camp. Bald eagle has been documented within 2.4 miles of the Evans/Tello and the Skyline/Hillside project sites in the CNDDDB. Large trees within the Evans/Tello and Skyline/Hillside project sites provide suitable nesting habitat for this species.

Swainson's Hawk

The Swainson's hawk (*Buteo swainsoni*) is not listed pursuant to the ESA, but is considered a USFWS BCC. This species nests in North America (Canada, western United States, and Mexico) and typically winters from South America north to Mexico. However, a small population has been observed wintering in the Sacramento/San Joaquin River Delta. In California, the nesting season for Swainson's hawk ranges from mid-March to late August.

Swainson's hawks nest within tall trees in a variety of wooded communities including riparian, oak woodland, roadside landscape corridors, urban areas, and agricultural areas, among others. Foraging habitat includes open grassland, savannah, low-cover row crop fields, and livestock pastures. In the Central Valley, Swainson's hawks typically feed on a combination of California vole (*Microtus californicus*), California ground squirrel (*Spermophilus beecheyi*), ring-necked pheasant (*Phasianus colchicus*), many passerine birds, and grasshoppers (*Melanoplus species*). Swainson's hawks are opportunistic foragers and will readily forage in association with agricultural mowing, harvesting, disking, and irrigating. The removal of vegetative cover by such farming activities results in more readily available prey items for this species.

Swainson's hawk has potential to occur within the Oom parcels in Yreka and has been documented within 8.5 miles of the Oom parcels in the CNDDB. The oak woodland and chaparral habitats at the Oom parcels provide marginal nesting and foraging habitat for this species.

Marbled Murrelet

The marbled murrelet (*Brachyramphus marmoratus*) is currently listed as threatened under the ESA. Marbled murrelet breed from the Aleutian archipelago south along the eastern Pacific coast into British Columbia, Washington, Oregon, to Santa Cruz County, California. Nesting habitat includes trees and, rarely, the ground within coastal forests and sea-facing talus slopes or cliffs. Tree nests have occurred in old-growth conifer forests and mature conifer forests with old-growth components or large branch platforms created by natural growth, disease, damage, or mistletoe. Nest site elevations range from sea level to 3,609 feet. During the breeding season, marbled murrelet forage along nearshore and protected coastal waters, where they feed upon small schooling fish, including Pacific sand lance, northern anchovy, Pacific herring, capelin, surf smelt, and viviparous seaperch. Breeding season starts with egg-laying in March through October when the last nestlings fledge. During the nonbreeding season, they are found in similar coastal waters close to shore, but may be found farther offshore.

Marbled murrelet has potential to occur within the Evans/Tello project site in Happy Camp. Marbled murrelet has not been documented within 10 miles of Happy Camp in the CNDDB. The conifer forest at the Evans/Tello project site provides marginal nesting habitat for this species.

Flammulated Owl

The flammulated owl (*Psiloscops flammeolus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. This small owl (to 17 cm in height) is a resident of coniferous forests at elevations from 6,000 to 10,000 feet above MSL, mainly in ponderosa pine and Jeffrey pine (*P. jeffreyi*) forests of low to moderate canopy density. Flammulated owls are secondary cavity nesters, using woodpecker holes in aspen (*Populus tremuloides*), oak (*Quercus* sp.) or pines trees or snags. Wintering occurs in Mexico and Central America, migration north occurs in April. Breeding occurs in May to August, during which two to five eggs are laid. Single clutches are the norm, but occasionally double-clutching occurs.

Flammulated owl has potential to occur within the Evans/Tello project site in Happy Camp, but has not been documented within 10 miles of Happy Camp in the CNDDDB (CDFW 2016). The conifer forest at the Evans/Tello project site provides marginal nesting habitat for this species.

Burrowing Owl

The burrowing owl (*Athene cunicularia*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Burrowing owls inhabit dry open rolling hills, grasslands, desert floors, and open bare ground with gullies and arroyos. They can also inhabit developed areas such as golf courses, cemeteries, roadsides within cities, airports, vacant lots in residential areas, school campuses, and fairgrounds. This species typically uses burrows created by fossorial mammals, most notably the California ground squirrel, but may also use manmade structures such as cement culverts or pipes; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement. The breeding season typically occurs between 1 February and 31 August.

Burrowing owl has potential to occur within the Oom parcels in Yreka. Burrowing owl has not been documented within 10 miles of Yreka in the CNDDDB. Openings in the oak woodland and chaparral at the Oom project site provide marginal habitat for this species.

Northern Spotted Owl

The northern spotted owl (NSOW, *Strix occidentalis caurina*) is federally listed as threatened pursuant to the ESA. The NSOW is the largest of three subspecies of spotted owl, and are distributed from western British Columbia south to the Cascade Range of Washington, Oregon and northern California, and the coastal ranges of California to Marin County. They are nonmigratory, but seasonal shifts between winter and summer home ranges have been observed. NSOW nesting habitat includes old growth forests with dense, multilayered, older portions of forest with high canopy closure. They do not build their own nests but depend on natural nest sites and nests built by other animals, such as broken-top trees, cavities, abandoned raptor or squirrel nests, mistletoe brooms, or debris accumulations. Nesting occurs during March through June.

Northern spotted owl has potential to occur within the Evans/Tello parcels in Happy Camp. Northern spotted owl has been documented within 1.4 miles of the Evans/Tello parcels in the CNDDDB. Conifer forest at the Evans/Tello project site provides marginal nesting habitat for this species.

Rufous Hummingbird

The rufous hummingbird (*Selasphorus rufus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Rufous hummingbirds breed from coastal southeastern Alaska south to British Columbia and Alberta, Canada, Washington, Idaho, Montana, Oregon and northern California. In California, breeding status and distribution is uncertain due to its close resemblance to Allen's hummingbird (*Selasphorus sasin*), but may breed in the northwestern coastal areas, east into the foothills and mid-level slopes of northern and east-central Sierras. Nesting habitat includes secondary succession communities and openings, mature forests, parks, and residential areas. Nesting occurs during April through July.

Rufous hummingbird has potential to occur within suitable habitat at all three project sites. Rufous hummingbird is not tracked by the CNDDDB. This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

Calliope Hummingbird

The calliope hummingbird (*Selasphorus calliope*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Calliope hummingbirds breed in North America west of the Rockies from British Columbia and Alberta, Canada south through Mexico. In Northern California, the breeding range includes the interior portions of the Klamath Mountains and the inner Coast Range to northeastern Mendocino and northwestern Glenn Counties, south through the Sierra-Cascade axis to southern Tulare County, and in the Warner Mountains. Nesting habitat includes shrub-sapling seral stage of reforestation, in aspen thickets along streams, and open montane forests. Nesting occurs during May through August. Calliope hummingbirds winter from Sinaloa and Durango, Mexico south to Oaxaca.

Calliope hummingbird has potential to occur within suitable habitat at all three project sites. Calliope hummingbird is not tracked by the CNDDDB. This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

Lewis's Woodpecker

The Lewis's woodpecker (*Melanerpes lewis*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Lewis's woodpeckers nest in existing tree cavities, rarely newly excavated, within ponderosa pine forests, open riparian woodland dominated by cottonwood, logged or burned pine forests, oak woodlands, orchards, pinyon pine-juniper woodland, a variety of pine and fir forests, and agricultural farm and ranchland. Nesting occurs from April through September.

Lewis's woodpecker has potential to occur within suitable habitat at all three project sites. Lewis's woodpecker has not been documented within 10 miles of Happy Camp or Yreka in the CNDDDB. This

species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

Williamson's Sapsucker

The Williamson's sapsucker (*Sphyrapicus thyroideus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. In California, Williamson's sapsucker breeding range include Sierra Nevada-Cascade range from Greenhorn Mountains to the Oregon Border. Isolated breeding populations are located in the Siskiyou, Trinity and Warner Mountains. They nest in middle to high elevation conifer and mixed conifer-deciduous forests. They nest in tree cavities of western larch, ponderosa pine, Jeffrey pine, Sierra-Cascade lodgepole pine, Douglas-fir, spruce, grand fir, white fir, red fir, trembling aspen, water birch, black cottonwood, and occasionally, utility poles. Nesting occurs during May through July.

Williamson's sapsucker has potential to occur within suitable habitat at all three project sites. Williamson's sapsucker is not tracked by the CNDDDB. This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

White-headed Woodpecker

The white-headed woodpecker (*Picoides albolarvatus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. White-headed woodpeckers require montane coniferous forests and are found from British Columbia to San Diego County. These woodpeckers nest in tree cavities primarily within large-diameter conifers in mixed coniferous forests of ponderosa and sugar pines, white and red fir, Douglas-fir, and black oak. Breeding occurs during April through August.

White-headed woodpecker has potential to occur within the Evans/Tello and Skyline/Hillside project sites in Happy Camp. White-headed woodpecker is not tracked by the CNDDDB. The conifers at the Evans/Tello and Skyline/Hillside project sites provide potential nesting habitat for this species.

Olive-sided Flycatcher

The olive-sided flycatcher (*Contopus cooperi*) is not listed pursuant to the ESA, but is considered a USFWS BCC. This species breeds in late-successional coniferous forests including Ponderosa pine woodlands, black oak woodlands, mixed coniferous forests, and Jeffrey pine forests, usually at mid to high elevations. They use edges and clearings surrounding dense forests, foraging primarily on bees and wasps. Cup nests are placed on outer edges of branches, with an average of three eggs laid per clutch. Nesting occurs during May through August.

Olive-sided flycatcher has potential to occur within suitable habitat at all three project sites. Olive-sided flycatcher is not tracked by the CNDDDB. Woodland and forest habitats at the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

Loggerhead Shrike

The loggerhead shrike (*Lanius ludovicianus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Loggerhead shrikes nest throughout California except the northwestern corner, montane forests, and high deserts. Loggerhead shrikes nest in small trees and shrubs in open country with short vegetation such as pastures, old orchards, mowed roadsides, cemeteries, golf courses, agricultural fields, riparian areas, and open woodlands. The nesting season extends from March through July.

Loggerhead shrike has potential to occur within the Oom project site in Yreka. Loggerhead shrike has not been documented within 10 miles of Yreka in the CNDDDB. The chaparral habitat at the Oom parcels provides marginal potential nesting habitat for this species.

Oak Titmouse

Oak titmouse (*Baeolophus inornatus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Oak titmouse are distributed throughout California, excluding the humid northwestern corner, the Great Basin region in the northeastern corner, and the deserts. They are found in arboreal vegetation communities that are dominated by oak (*Quercus* species) trees, but may also occur in coniferous and other woodland habitats. Nesting occurs during March through July.

Oak titmouse has potential to occur within the Oom project site in Yreka. Oak titmouse has not been documented within 10 miles of Yreka in the CNDDDB. The oak woodland habitat at the Oom parcels provides potential nesting habitat for this species.

Purple Finch

The purple finch (*Haemorhous purpureus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. In California, purple finch breeding range includes Klamath Mountains south along Coast Range into San Bernardino County, and along the western slopes of the Cascade-Sierra Nevada axis from Shasta County south to Kern County. Purple finches nest in moist cool coniferous forests, mixed coniferous-deciduous forest, edges of bogs, riparian corridors, and to a lesser deciduous forests, orchards, ornamental plantations, pastures and lawns with scattered conifers, shrubs, hedgerows and developed areas. Nesting occurs from April through September.

Purple finch has potential to occur within suitable habitat at all three project sites. Purple finch is not tracked by the CNDDDB. This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

Green-tailed Towhee

The green-tailed towhee (*Pipilo chlorurus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. In Northern California, green-tailed towhees are found in the Siskiyou Mountains south through Humboldt County to Lake County, eastward around the northern rim of the Sacramento Valley to the

Warner Mountains and into the Great Basin, and south through Cascades-Sierra Nevada to the Greenhorn Mountains. Nesting habitat includes dry shrubby hillsides and post-disturbance second growth and can be generally characterized as low brush cover with interspersed trees, but typically avoids forests. Nesting occurs from May through August.

Green-tailed towhee has potential to occur within suitable habitat at all three project sites. Green-tailed towhee is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

Fox Sparrow

The fox sparrow (*Passerella iliaca*) is not listed pursuant to the ESA, but is considered a USFWS BCC. The “large-billed” fox sparrow (*Megarhyncha* group) nests in western Oregon south into coastal northern California, the Siskiyou and Warner Mountains, Sierra Nevada, and mountains of southern California, and western Nevada. Nesting habitat includes montane chaparral and mixed coniferous forest.

Fox sparrow has potential to occur within suitable habitat at all three project sites. Fox sparrow is not tracked by the CNDDDB. This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom project sites all provide potential nesting habitat for this species.

MAMMALS

Gray Wolf

The gray wolf (*Canis lupus*) is currently listed as endangered pursuant to the ESA. Wolf packs live within territories which generally include a mosaic of habitats and can vary in size from around 25 square miles to over 1,000 square miles. Wolves are very adaptable and can occupy any habitat in the northern hemisphere, as long as it contains large ungulates. Little correlation to vegetation type has been found, and wolves are known to inhabit deserts, tundra, swamps, forests prairies, and even barren lands at all elevations. The gray wolf was historically present in California, but, until recently, was considered extirpated from the state after the last known gray wolf in California was killed in 1924 in Lassen County. In late 2011, a lone dispersing young male gray wolf (identified as OR7 by the Oregon Department of Fish and Wildlife) was confirmed to have entered California from Oregon, and was documented traveling within the southern Cascades, across portions of the Modoc Plateau, in the Lassen and Plumas National Forests, and as far south as Tehama, Shasta, and Butte counties. On several occasions, OR7 traveled between California and Oregon before mating and establishing a territory in Klamath and Jackson counties, Oregon in 2013. In August 2015, trail camera images documented several individuals in Siskiyou County, California; on 20 August 2015 this group of gray wolves was designated as the “Shasta Pack.” In addition, a pair of gray wolves was confirmed in Lassen County in November 2016.

Gray wolf has potential to occur within the Evans/Tello project site in Happy Camp and the Oom project site in Yreka. Gray wolf has not been documented within 10 miles of Happy Camp or Yreka in the CNDDDB.

This species is a habitat generalist and occupies and disperses through virtually any habitat that contains large ungulates. As such, the habitats within the Evans/Tello and Oom project sites provide potential dispersal habitat for this species. It is unlikely that the species would establish a territory in these areas due to the human presence in the area.

California Wolverine

California wolverine (*Gulo gulo*) is formally proposed for ESA listing as threatened. The California wolverine is a scarce resident of California, preferring areas with low human disturbance in the North Coast mountains and Sierra Nevada. Most sightings in Sierra Nevada have been in mixed conifer, red fir, and lodgepole pine communities. Dens are found in caves, cliffs, hollow logs, cavities in the ground, and under rocks.

California wolverine has potential to occur within the Evans/Tello project site in Happy Camp and the Oom project site in Yreka. California wolverine has been documented within 6.1 miles of the Evans/Tello project site in the CNDDDB. The conifer forest habitat within the Evans/Tello project site and oak woodland habitat at the Oom parcels provide potential dispersal habitat for this species. It is unlikely that the species would establish a territory in these areas due to the human presence in the area.

Fisher

Pacific fisher (*Pekania pennanti*) is formally proposed for ESA listing as threatened. Pacific fisher is a rare, permanent resident of the Sierra Nevada, Cascade, and Klamath Mountain ranges. Most sightings occur in intermediate to large-tree coniferous forests and deciduous riparian habitats. Dens are found in cavities, brush piles, and logs.

Fisher has potential to occur within the Evans/Tello project site in Happy Camp. Fisher has been documented within 7.5 miles of the Evans/Tello parcels in the CNDDDB. The conifer forest habitat within the Evans/Tello parcels provide potential dispersal habitat for this species. It is unlikely that the species would establish a territory in these areas, however, due to the human presence in the area.

4.5. WILDLIFE MOVEMENT/CORRIDORS

The Evans/Tello parcels are largely undeveloped and heavily forested; Ranch Gulch and an unnamed intermittent drainage bisect the properties. Wildlife likely uses both the forested portions of the site as well as the drainages and other wetland features as a means for movement and dispersal. The Oregon white oak woodland at the Oom parcels also likely provides opportunities for the movement of wildlife. While these properties are likely used for wildlife movement, they are also surrounded by large amounts of similar habitat through which wildlife could also disperse. Since these properties are surrounded by similar dispersal habitat, these properties are not wildlife 'corridors.' The Skyline/Hillside project site is in a developed area and likely provides limited, if any, functionality as a wildlife corridor.

5. CULTURAL RESOURCES

Two archaeological and cultural resources reports were prepared in 2017 by Alex R. Watts-Tobin, Ph. D., the Karuk Tribe's Tribal Historic Preservation Officer. The reports are on file with the BIA Pacific Region. The reports present the results of a record search and pedestrian survey of the project site. Specific site information can be found by authorized parties in the confidential archaeological and cultural resources technical reports, which are bound under a separate cover.

6. SOCIOECONOMIC CONDITIONS

6.1. SOCIOECONOMIC CHARACTERISTICS OF SISKIYOU COUNTY

POPULATION

The proposed fee-to-trust parcels are located within Siskiyou County. The County's current population is estimated to be approximately 44,688. Over half of the population resides in the County's unincorporated areas. The most populous cities (Yreka, Mount Shasta, Weed, and Dunsmuir) are located along the I-5 corridor (California Department of Finance, 2017a). As indicated in **Table 6**, the County's population is expected to vary little over the coming decades, with no substantial growth trends (California Department of Finance, 2017b).

TABLE 6
SISKIYOU COUNTY POPULATION GROWTH

Year	Population
2020	44,272
2025	44,352
2030	44,492
2035	44,522
2040	44,339
2045	44,095
2050	44,024
2055	44,290
2060	44,954

Source: California Department of Finance, 2017b.

The population of Siskiyou County is approximately 79 percent white, 11 percent Hispanic, 3 percent American Indian, 1 percent Asian, 1 percent black, and 5 percent multi-race (California Department of Finance, 2015). Over the next few decades, the Hispanic and Asian populations are expected to increase, the white population is expected to decrease, and American Indian and black populations are expected to

stay even. It is projected that by 2060, the County's population will be 58 percent white, 24 percent Hispanic, 4 percent American Indian, 2 percent Asian, 1 percent black, and 11 percent multi-race (California Department of Finance, 2014b).

HOUSING

Siskiyou County's housing consists primarily of single-family homes, which account for 72 percent of 24,026 total housing units. Multi-family units account for approximately 13 percent, and mobile homes make up about 15 percent. The average household has 2.3 persons (California Department of Finance, 2016b). The median home value is currently \$186,300 (Zillow, 2018).

EMPLOYMENT AND INCOME

As of November 2018, Siskiyou County's unemployment rate was 5.1 percent, above the state's average jobless rate of 4.0 percent (California EDD, 2018). At \$22,561 per capita, personal income is lower than the statewide average of \$30,318. Based on data from 2011-2015, about 22 percent of the population live below the poverty level, compared to a statewide average of 15.3 percent (US Census, 2016).

SCHOOL AND SERVICE FUNDING

Funding for public schools and local services comes from a variety of sources. In California where the State government controls most school funding, K-12 education funding for the 2016-17 fiscal year was: State Funds (60%), local taxes (25%), federal funds (9%), other local funds (6%), and lottery (1%) (ed100, 2016).

In 2013, California lawmakers created the Local Control Funding Formula under which local educational agencies receive funding based on the demographic profile of the students they serve and gain greater flexibility to use these funds to improve outcomes of students. Under this scheme, more state funding is provided to school districts that don't have adequate property tax revenue to meet adequate funding levels.

The specific distribution of property taxes varies through Siskiyou County, depending on the local school district and county service area. However, for the County in general, approximately 68% goes to schools, 21% goes to the County, approximately 6% goes to cities, and the remainder to special districts that provide community services such as fire protection, irrigation and water supply, and sanitary service (Table 7).

TABLE 7
PROPERTY TAX ALLOCATION
Siskiyou County (2016-2017)

Category	Percentage
Schools	68.19
County	21.39
Cities	5.88
Special Districts - Independent	3.78
Special Districts - Dependent	0.76
Source: Siskiyou County, 2016a.	

In addition to property taxes, school districts can issue General Obligation bonds to finance construction of schools. This allows school districts to assess property taxes above the limit imposed by California's Proposition 13, which limits property taxes to one percent of the assessed value.

Developer Fees

California Government Code section 65995 allows school districts to levy a developer fee on new residential and commercial/industrial construction to fund school building construction and modernization. The fee is based on the square footage of new buildings. The State Allocation Board sets the rates that school districts can assess for Level I School Fees. The allowable fee is adjusted for inflation every two years by the State Allocation Board. In 2016, the fee was adjusted to \$3.48 per square foot of residential development and \$0.56 per square foot of commercial/industrial development. Local school districts adopt school fees (up to the statutory level) based on projected funding needs. The Siskiyou County Building Department collects school fees for development in the unincorporated portion of Siskiyou County.

7. TRANSPORTATION AND CIRCULATION

7.1. ROADWAY NETWORK

The roadways located near the project sites that would carry project-generated traffic are described below and shown in **Figures 6 and 7**.

HAPPY CAMP SITES

State Route 96 (SR-96) provides primary regional access to Happy Camp and the two proposed project sites located within Happy Camp. **SR-96** is also called Klamath River Highway and Bigfoot Scenic Highway within the vicinity of Happy Camp. Near Happy Camp, SR-96 is an unimproved approximately 24 foot wide north-south roadway with unpaved shoulders and no sidewalks, except for the section between Indian Creek Road and Davis Road/Mill Road which has some wide paved shoulders and/or turning lanes.

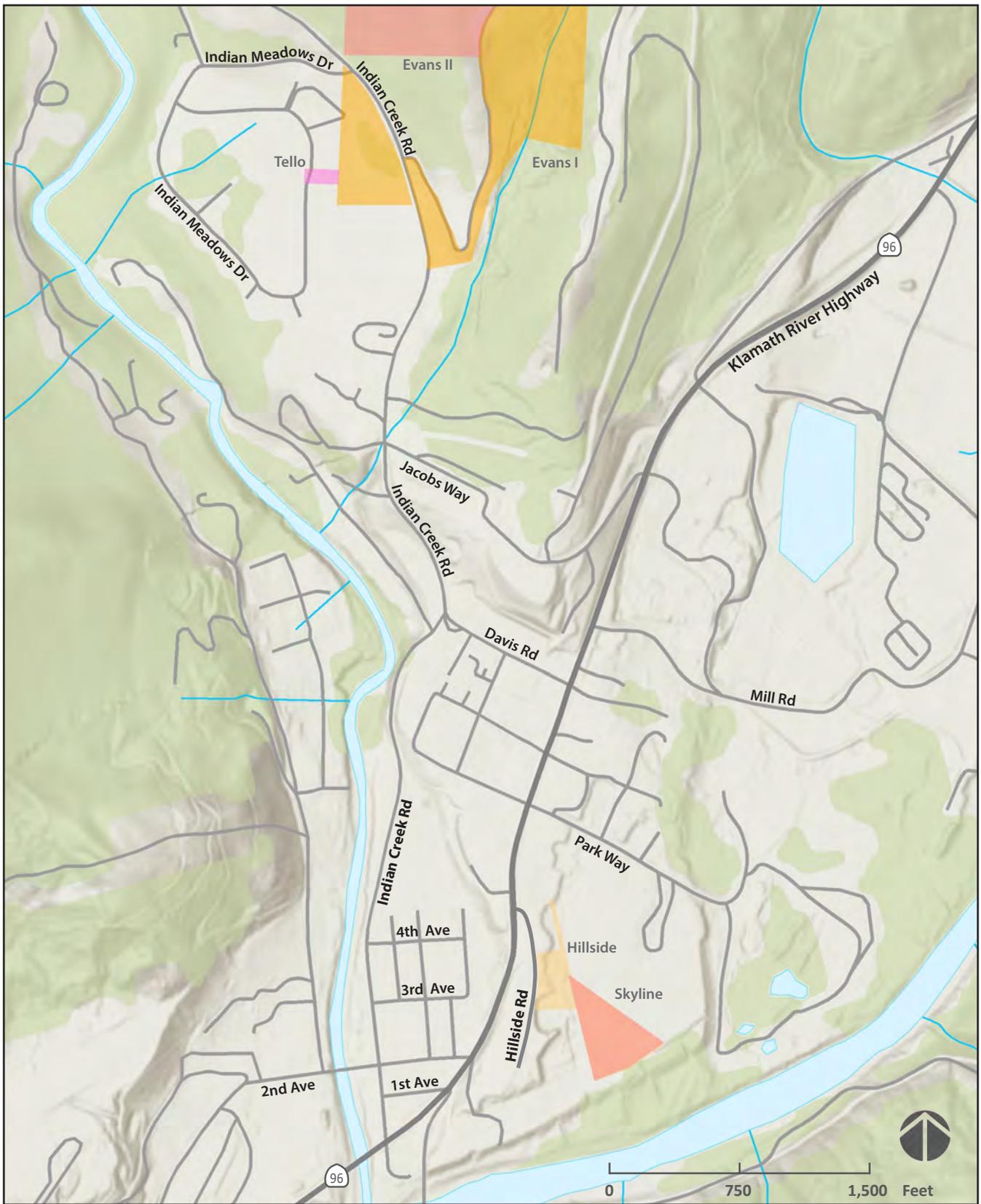


Figure 6
Roadway Network - Happy Camp



Figure 7
Roadway Network - Yreka

All SR-96 intersections are unsignalized with minor street stop control. There are no signalized intersections within Happy Camp.

Hillside Road, which is classified as a Local Road, would provide direct access to the proposed Skyline subdivision via a new project roadway proposed to be named Skyline Court. Hillside Road is a north-south 2-lane dead-end roadway approximately 800 ft. long, and unimproved with only a 12-15 foot wide paved travelway, unpaved shoulders, and no sidewalks.

Indian Meadows Road is a 2-lane local roadway that will provide direct access to the proposed Indian Meadows subdivision via a new project roadway proposed to be named Indian Creek Court. Indian Meadows Road extends westward from Indian Creek Road via a “T” intersection into a small subdivision containing approximately 40 residences. After entering the subdivision, Indian Meadows Road circles through the subdivision in a counter-clockwise direction before connecting back into itself. Indian Meadows Road is an approximately 20-22 foot wide unimproved roadway with no sidewalks.

Indian Creek Road (also known as Greyback Road and Main Street near SR-96) is an unimproved approximately 22-foot-wide north-south roadway with unpaved shoulders, and no sidewalks. The roadway is classified as a Local Road along the southernmost section between Klamath River Road (SR-96) and 2nd Avenue. North of 2nd Avenue, Indian Creek Road is classified as a Major Collector northward up to and beyond Indian Meadows Drive. Indian Creek Road has a posted speed limit of 25 mph along the section between SR-96 and Davis Road, and 35 mph along the section between Davis Road and Indian Meadows Drive.

Davis Road is a 2-lane Major Collector with fronting commercial development. Davis Road is an unimproved approximately 22 foot wide roadway with wide paved shoulders, no sidewalks, and a posted speed limit of 25 mph. Indian Meadows Road transitions directly into Davis Road via a gentle curve. Northbound Indian Creek Road “tees” into Davis Road at a stop controlled intersection, requiring a left turn to continue northward along Indian Creek Road.

YREKA/OOM SITE

All roadways described below are City of Yreka streets, except for the easternmost portion of Oberlin Road.

Oberlin Road is a 2-lane City Arterial roadway providing primary access to the proposed Oom subdivision via two intersections, Campbell Avenue and Comstock Drive, located east of Interstate-5. Oberlin Road begins at Oregon Street west of I-5 and continues eastward for about 5 miles terminating near the community of Montague. Oberlin Road is one of only two east-west roadways providing connectivity between Yreka and Montague. Montague Road (State Route 3), located about a mile and a half to the north, is the other roadway providing connectivity between Yreka and Montague.

West of Campbell Avenue, Oberlin Road is located within the Yreka City limits and is classified as a City Arterial. The roadway has a posted speed limit of 45 mph, a travelled way of approximately 24 feet, and an approximately 10-11 foot wide paved shoulder. The southern edge of Oberlin is improved west of Campbell Avenue with curb and gutter, and a sidewalk connecting Campbell Avenue with central Yreka.

Oberlin Road crosses into unincorporated Siskiyou County immediately east of Campbell Avenue where the roadway transitions to a Major Collector, the posted speed limit of 45 mph ends, and a prima facie speed limit is assumed eastward through and past Comstock Road towards Montague. Oberlin Road east of Campbell Avenue maintains a travelled way of approximately 24 feet, 4-6 foot wide paved shoulders, and an outer gravel shoulder.

Campbell Avenue is an east-west 2-lane City of Yreka connector roadway. Campbell Avenue has a posted speed limit of 25 mph, is partially improved with an approximately 38 foot curb-to-curb width and intermittent sidewalks. Campbell Avenue narrows east of Dove Lane to an unimproved approximately 24 foot wide roadway.

Comstock Drive is a north-south 2-lane City of Yreka connector roadway which extends southward from Oberlin Road connecting initially with Campbell Avenue and continuing southward. Comstock Drive is improved with an approximately 38 foot curb-to-curb width. There are presently no sidewalks along Comstock Road north of Campbell Avenue, although sidewalks are provided along Comstock Road south of Campbell Avenue.

Dove Lane is a north-south 2-lane City of Yreka roadway between Campbell Avenue and Apsuun. Dove Lane continues east of Apsuun as Swallow Circle. Dove Lane is currently partially improved with an approximately 38 foot curb-to-curb width and intermittent sidewalks.

Apsuun is a 2-lane City of Yreka connector roadway that begins as the south leg of an unsignalized "T" intersection with Dove lane and Swallow Circle. Apsuun (along with short segments of Kahtishraam and Yellowhammer Street to the west, Dove Lane to the east, and Campbell Avenue on the north) combine to form an outer circular roadway surrounding most of the existing subdivision south of Campbell Avenue. Apsuun is currently unimproved with an approximately 24 foot wide paved travelway and no sidewalks.

Sandpiper Court is a 2-lane mostly north-south residential roadway running southward from a Campbell Avenue intersection before turning eastward into a dead-end cul-de-sac. Sandpiper Court is a partially improved roadway approximately 35-40 feet in width with intermittent curb and gutter, and an intermittent sidewalk.

Bluebird Street & Swallow Circle - Bluebird Street and Swallow Circle are 2-lane east-west City of Yreka residential streets between Dove Lane and Sandpiper Court. Bluebird Street is unimproved with a paved travelway of approximately 33 feet and an intermittent sidewalk. Swallow Circle is a partially improved

roadway approximately 35-40 feet in width with intermittent curb and gutter, and an intermittent sidewalk.

LEVEL OF SERVICE CONCEPT

The operating conditions experienced by motorists are described as “levels of service” (LOS). Level of service is a qualitative measure of the effect of a number of factors, including speed and travel time, traffic interruptions, freedom to maneuver, driving comfort and convenience. Levels of service are designated A through F from best to worst, which cover the entire range of traffic operations that might occur. Levels of service A through E generally represent traffic volumes at less than roadway capacity, while LOS F represents over capacity and/or forced flow conditions.

Siskiyou County and the City of Yreka have established LOS C as the target level of service threshold indicating that roadways should normally operate at LOS A to C (Siskiyou County, 1988; City of Yreka, 2013).

Levels of Service for roadways based on the Transportation Research Board’s Highway Capacity Manual are as follows:

- LOS A = Volume-to-Capacity (V/C) = 0.00 – 0.60
- LOS B = Volume-to-Capacity (V/C) = 0.61 – 0.70
- LOS C = Volume-to-Capacity (V/C) = 0.71 – 0.80
- LOS D = Volume-to-Capacity (V/C) = 0.81 – 0.90
- LOS E = Volume-to-Capacity (V/C) = 0.91 – 1.00
- LOS F = Volume-to-Capacity (V/C) = Greater than 1.00

STANDARDS OF SIGNIFICANCE

City of Yreka

The City of Yreka’s 2003 General Plan stipulates that:

“The City of Yreka General Plan (General Plan) adopted in 2003 is the guiding document for development in the City. The General Plan does not apply to trust land but does apply to land owned in fee by the Karuk Tribe (Tribe). Policies in the General Plan that are relevant to off-reservation transportation and traffic as described in the Checklist are as follows:

- C1.2. To maintain a functional performance of roadways throughout the community at a Level of Service C or better.

C1.4. Ensure that circulation improvements are adequate to serve transportation demands of new development within Yreka.

Program C1.4.F – New development shall provide improvements as needed to avoid creating significant traffic impacts on streets surrounding the proposed project. Traffic impacts are considered significant if they result in traffic that exceeds the “Environmental Capacity” of Average Daily Trips (ADT) as defined below: Local: Greater than 1,500 ADT; Collector: Greater than 2,500 ADT; Arterial: Greater than 5,000 ADT. Where existing traffic levels exceed the criteria above, an increase of greater than 10% over existing levels is considered a significant impact.

Siskiyou County

The Siskiyou County 2010 Regional Transportation Plan (RTP) identifies LOS objectives for the local road system and State highways. All County roadways have a concept LOS of C. On designated State highways, Caltrans has a target LOS at the transition between LOS C and LOS D or better for average daily conditions on designated State highways. However, the RTP states that the concept LOS for SR-96 is to maintain the facility in its current condition. This LOS maintenance concept is related to the classification of SR-96 as a minor arterial in Siskiyou County. While it provides access to small communities, natural resources, and recreation, SR-96 is not a primary east-west connection in northern California (Siskiyou County LTC, 2011). The 2016 RTP identifies LOS A through LOS C as being acceptable (Siskiyou County LTC, 2016). The County has not adopted specific significance criteria.

EXISTING LEVEL OF SERVICE OPERATIONS

Because of the rural nature of Siskiyou County, small residential population and slow population growth, existing level of service data is sparse. The 2016 RTP identified only three segments of major State highways and roadways in Siskiyou County that did not meet LOS goals. These segments are on SR-3 in Yreka from Moonlit Oaks Avenue to Oberlin Road (Siskiyou County LTC, 2016).

Given the lack of recent traffic counts, existing traffic levels were estimated by taking older traffic counts and adjusting them for growth that has subsequently occurred in the region. Where no counts were available, existing traffic levels were estimated by using trips generation rates based on the number of homes served by the roadways. This later methodology was used for the residential area near the Oom project site in Yreka. This residential area is only accessed by Campbell Avenue and Comstock Drive and has no through traffic. **Tables 8 and 9** summarize the estimated 2017 level of service on local roadways in Yreka and Happy Camp, respectively. Traffic count data and LOS calculations are provided in the Environmental Assessment, Appendix E.

TABLE 8
LOCAL ROADWAY NETWORK
ESTIMATED LEVEL OF SERVICE - YREKA

Roadway/Segment	Jurisdiction/ Classification	Daily Capacity	2017 ADT	2017 LOS	2035 ADT	2035 LOS
SANDPIPER COURT North project access to Swallow Cir	Yreka/Local Road	1,500	58	A	58	A
Swallow Cir to Bluebird St			182	A	182	A
Bluebird St to Campbell Rd			182	A	182	A
SWALLOW CIRCLE Sandpiper Ct to Dove Ln	Yreka/Local Road	1,500	106	A	106	A
APSUUN ROAD Oak Tree Ct to Dove Ln	Yreka/Local Road	1,500	307	A	307	A
BLUEBIRD STREET Sandpiper Ct to Dove Ln	Yreka/Local Road	1,500	115	A	115	A
DOVE LANE Swallow Cir to Bluebird St	Yreka/Local Road	1,500	508	A	508	A
Bluebird St to Campbell Rd			766	A	766	A
COMSTOCK DRIVE south of Campbell	Yreka/ Collector	2,500	1,857	C	1,857	C
CAMPBELL AVENUE Sandpiper Ct to Dove Ln	Yreka/Local Road	1,500	230	A	230	A
Dove Ln to Comstock Dr	Yreka/ Collector	2,500	2,154	D	2,154	D
Comstock Dr to East Oberlin Dr		2,500	1,465	A	1,465	A
EAST OBERLIN DRIVE West of Campbell Rd	Yreka/ Arterial	5,000	5,068	F	5,853	F
Campbell Rd to Comstock Dr		5,000	3,604	C	4,162	D
East of Comstock Dr	Siskiyou /Major Collector	2,500	2,800	F	3,234	F
City of Yreka, 2013						

TABLE 9
LOCAL ROADWAY NETWORK
ESTIMATED LEVEL OF SERVICE – HAPPY CAMP

Roadway/Segment	Jurisdiction/ Classification	Daily Capacity	2017 ADT	2017 LOS	2035 ADT	2035 LOS
Hillside Road Project access to SR-96	Siskiyou/Local Road	1,500	100	A	100	A
Indian Meadows Drive Project access to Indian Creek Rd	Siskiyou/Major Collector	2,500	492	A	492	A
Indian Creek Road Indian Meadows Dr to Jacobs Way	Siskiyou/Major Collector	2,500	1,400	A	1,745	B
Jacobs Way to Davis Rd		2,500	1,400	A	1,745	B
Davis Rd to 2nd Ave		2,500	872	A	1,140	A
2nd Ave to SR-96	Siskiyou/Local Road	1,500	872	A	1,140	C
Jacobs Way Indian Creek Rd to SR-96	Siskiyou/Local Road	1,500	1,000	B	1,307	D
Davis Road Indian Creek Rd to SR-96	Siskiyou/Major Collector	2,500	2,618	F	2,814	F
2nd Avenue Indian Creek Rd to SR-96	Siskiyou/Minor Collector	2,500	872	A	937	A
SR-96 North of Jacobs Way	Caltrans/Arterial	5,000	766	A	823	A
Jacobs Way to Davis Rd			766	A	823	A
Davis Rd to Reeves Street			1,663	A	1,787	A
Reeves St to Hillside Rd			1,764	A	1,896	A
Hillside Rd to 2nd Ave			1,764	A	1,896	A
2nd Ave to Indian Creek Rd			1,915	A	2,058	A
South of Indian Creek Rd			1,109	A	1,192	A
SOURCE: EDS, 2018; City of Yreka, 2013						

7.2. PEDESTRIAN & BICYCLE FACILITIES

YREKA

There are limited pedestrian facilities and no dedicated bicycling facilities near the Oom parcels. Some sidewalks exist along the streets of the residential area north of the Oom parcels, but are separated by gaps with no sidewalks on one or both sides of the streets. No sidewalks exist along Apsuun Road. No designated bicycle routes currently exist within the immediate vicinity of any of the Oom parcels, and none are proposed. The City of Yreka General Plan, notes that bicycle circulation occurs naturally throughout the road system since traffic volumes on most streets are low (City of Yreka, 2013).

HAPPY CAMP

There are limited pedestrian facilities and no dedicated bicycling facilities in Happy Camp. Sidewalks do not exist near the Indian Meadows or the Skyline project sites given the rural location. Sidewalks are minimal to sporadic along the Klamath River Highway and most Happy Camp roadways. No designated bicycle routes currently exist within the Happy Camp area, and none are proposed. As with Yreka, the low traffic volumes in Happy Camp are conducive to cyclists using streets.

7.3. TRANSIT SERVICE

Siskiyou Transit and General Express (S.T.A.G.E.) provides weekday (and limited Saturday) bus transit service within various cities, communities, and along selected connecting rural routes within Siskiyou County. Within the City of Yreka, S.T.A.G.E. provides daily weekday bus transit from approximately 6:00 am to 8:00 pm along mostly the north-south roadways paralleling Interstate 5, with a jog to/from the east to service the “Campbell Tracts” (the residential area north of the Oom parcels) via a bus along Campbell Avenue. The Yreka bus makes about a dozen loops with headways ranging from 45 to 180 minutes, and serves 13 northbound and 15 southbound bus stops on weekdays. The Yreka bus also provides reduced Saturday service, including service to the Campbell Tracts, from approximately 11:00 am to 5:15 pm. Oom Subdivision residents would have approximately a 0.5 mile walk to access S.T.A.G.E. buses along Campbell Avenue.

S.T.A.G.E. does not currently provide bus transit service within Happy Camp. However, S.T.A.G.E. does provide regional bus service between Yreka and Happy Camp, and to/from other communities in Siskiyou County.

The City of Yreka also operates a Senior Bus Transportation Service with on-call and door-to-door service.

7.4. CUMULATIVE SETTING

CUMULATIVE ROADWAY NETWORK

The roadway network in the immediate vicinity of the project sites is assumed to remain the same for Cumulative Conditions as that which currently exists for Existing Conditions. No roadway improvements

have been identified in these areas by Siskiyou County or the City of Yreka. The only capacity increasing projects identified in the RTP are on State facilities. Some local roads are identified for sidewalk widening (Siskiyou County LTC, 2011).

CUMULATIVE BACKGROUND VOLUMES

The 2010 RTP identifies the following annual growth rates for Yreka and Happy Camp:

- Yreka - 0.8% annual growth rate
- Unincorporated Siskiyou County - 0.4% annual growth rate

The 2016 RTP traffic predictions are based on Siskiyou County and surrounding county population forecasts of no more than one percent annual growth. Most traffic in Siskiyou County is through traffic, with Sacramento and Shasta Counties to the south and Medford, Oregon in the north being major points of origin and destination (Siskiyou County LTC, 2016).

CUMULATIVE LEVEL OF SERVICE OPERATIONS

The 2016 RTP analyzed future traffic volumes in 2035 and projected that only three segments of major State highways and roadways in Siskiyou County will not meet LOS goals. These segments are on SR-3 in Yreka from Moonlit Oaks Avenue to Oberlin Road (Siskiyou County LTC, 2016).

To estimate the level of service on local roadways, the estimated 2017 traffic volumes were extrapolated to 2035 using growth assumptions identified in the 2010 RTP. Because recent California Department of Finance population forecasts for Siskiyou County project a slight decrease by 2035, these volumes are thus assumed to be worst case scenario volumes. Traffic count data and LOS calculations are provided in Appendix E of the Environmental Assessment.

8. LAND USE AND AGRICULTURE

8.1. LAND USE

HAPPY CAMP SITES

The Skyline residential project site is located within the unincorporated community of Happy Camp, approximately 1,300 feet from existing Karuk trust lands. The project site is two adjoining parcels. The 3.15-acre Skyline parcel is a triangular shaped parcel adjacent to the Happy Camp Elementary School. The 0.99-acre Hillside parcel is located northwest of the Skyline parcel and has frontage on Hillside Road. The Skyline residential project site is undeveloped. The Skyline parcel was impacted by mining, which removed about six feet of soil from the site. More recently, the parcel was used for log storage. The site has been cleared of log debris (KTHA, 2008).

The Skyline residential project site is bordered by the Happy Camp Elementary School to the east, Klamath National Forest land and the Klamath River to the south, a commercial property currently used for material and vehicle storage to the southeast, the Rustic Inn property owned by the Karuk Tribe to the west, and the Clinic Pharmacy (64012 Hillside Road) to the northwest. Other adjacent land uses include residences along Hillside Road.

The Indian Meadows residential project site is located at the northern edge of Happy Camp. The project site is comprised of three adjoining parcels. The 103.98-acre Evans I parcel is contiguous with existing Karuk trust lands. The parcel is primarily forested and undeveloped. Grayback Road is a paved road that divides the southwestern portion of the parcel. The western portion of the Evans I parcel borders the existing Indian Meadows neighborhood. An unpaved road extending from Grayback Road borders the western side of the parcel. Two utility corridors (overhead electric lines) cross narrow sections of the southwest portion of the parcel. Several unpaved roads and trails cross the site. The 8.92-acre Evans II parcel borders the west side of the Evans I parcel. The Evans II is also primarily forested and undeveloped. Two utility corridors (overhead electric lines) cross the middle and eastern portions of the parcel. An unpaved road extending from Grayback Road borders the eastern side of the parcel. The 0.39-acre Tello parcel connects the Evans I parcel to Indian Meadows Drive on the west. The Tello parcel is an undeveloped lot between two developed residential lots.

The Indian Meadows residential project site is bordered by undeveloped and rural residences on Karuk trust lands to the south, Klamath National Forest to the east and north, undeveloped and rural residential land uses to the west, and the existing residential neighborhoods to the southwest.

YREKA/OOM SITE

The Oom project site is comprised of two parcels. The 20.3-acre Oom parcel is located with unincorporated Siskiyou County and is contiguous with existing Karuk trust lands.

The City of Yreka borders the Oom site on the west and the south. The 0.07-acre Oom Road Entrance parcel is located within the City of Yreka and is approximately 130 feet from existing Karuk trust lands. The Oom parcel is undeveloped woodland and chaparral. The Oom Road Entrance parcel is primarily undeveloped woodland bordered on the east by unpaved driveways serving two residences south of Sandpiper Court.

In the vicinity, the adjacent Karuk trust lands are developed with single-family homes along Apsuun Road as well as the KTHA office (1836 Apsuun Road). Two rural residences are located directly north of the Oom parcel. The Oom Road Entrance parcel is located adjacent to a residential community within the City of Yreka. Rural residential and undeveloped land uses extend east and south of the project site. The Yreka Solid Waste Landfill is located approximately 3,000 feet east of the Oom parcel. The landfill was closed in 2014 and a transfer and recycling station currently operates on the site.

LOCAL LAND USE PLANS

All the project parcels, except for the Oom Road Entrance parcel, are located within unincorporated Siskiyou County. The Oom Road Entrance parcel is within the City of Yreka. The applicable general plan policies and zoning ordinances from each jurisdiction are summarized below.

SISKIYOU COUNTY GENERAL PLAN

The basis for land use planning in the unincorporated portion of Siskiyou County is the County's General Plan. The Land Use Element of the General Plan provides the primary guidance on issues related to land use and land use intensity. The Land Use Element provides designations for land within the County and outlines goals and policies concerning development and use of that land. The Siskiyou County General Plan differs from most general plans developed by counties in California. Instead of providing one master land use map, the Siskiyou County General Plan uses a series of maps that identify development constraint areas. The intent is for future development to occur in areas that are easiest to develop without entailing great public service costs, that have the least negative environmental effect, and that do not displace or endanger the county's critical natural resources. Constraints take the form of physical limitations or hazards, and identified resource protection areas.

Siskiyou County General Plan Land Use Element identifies the Oom parcel as being located within the following mapped areas: Soils – Erosion Hazard (High); Soils – Severe Septic Tank Limitations (High); and Wildfire Hazard – High. The Happy Camp project sites are not located within mapped constraint areas. The following applicable polices are identified for development of the Oom parcel site, which is within the Erosion Hazard (Map 2), Severe Septic Tank Limitations (Map 4), and Wildfire Hazard (Map 10).

Erosion Hazard

- Policy 7. Specific mitigation measures will be provided that lessen soil erosion, including contour grading, channelization, revegetation of disturbed slopes and soils, and project timing (where feasible) to less[en] the effect of seasonal factors (rainfall and wind).

Severe Septic Tank Limitations

- Policy 9. The minimum parcel size shall be one acre on zero to 15 percent slope and five acres on 16 to 29 percent slope.

The permitted density will no create erosion or sedimentation problems.

- Policy 10. Single-family residential, heavy or light industrial, heavy or light commercial, open space, non-profit and non-organizational in nature recreational uses, commercial/recreational uses, and public or quasi public uses only may be permitted.

The permitted density will no create erosion or sedimentation problems.

Wildfire Hazard

Policy 30. All development proposed within a wildfire hazard area shall be designed to provide safe ingress, egress, and have an adequate water supply for fire suppression purposes in accordance with the degree of wildfire hazard.

YREKA GENERAL PLAN

The Yreka General Plan designates the Oom Road Entrance parcel as Low Density Residential. This designation provides for single-family development with up to six units per acre (City of Yreka, 2003). The Yreka General Plan identifies land use designations for parcels that are outside of the City Limits but within Yreka's Sphere of Influence. Accordingly, the Oom parcel is designated as Residential Agriculture. This designation provides for large-lot single-family residences (up to two units per acre) and limited agricultural use.

SISKIYOU COUNTY ZONING

The project sites are currently subject to land use regulations under the local zoning ordinances. Most of the project parcels are under the jurisdiction of Siskiyou County. The only exception is the Oom Road Entrance parcel, which is within the City of Yreka. **Table 10** identifies the zoning district of each parcel. Descriptions of the zoning district are provided below.

SISKIYOU COUNTY ZONING DISTRICTS

Rural Residential Agricultural District (R-R)

This district permits the development of one single-family home, a second dwelling, and accessory buildings and uses. Small acreage non-commercial farming, crop and tree farming, and greenhouses. Group care facilities for up to six individuals are also permitted. This district is combined with B-Districts which identify minimum parcel sizes. For example, the R-R-B-5 District has a minimum parcel size of 5 acres, and the R-R-B-20 District has a minimum parcel size of 20 acres.

CITY OF YREKA ZONING DISTRICTS

Single Family Residential District (R-1)

This district permits the development of one single-family home and accessory buildings and uses. Small group care homes and daycare facilities are also permitted. Uses such as churches, schools, and public utility and buildings require a conditional use permit.

TABLE 10
EXISTING GENERAL PLAN AND ZONING DESIGNATIONS

Project/Location Parcel	Jurisdiction	General Plan Designation /Mapped Areas	Zoning
Oom/Yreka			
Oom	Siskiyou County	Residential Agriculture*/ Erosion Hazard, Severe Septic Tank Limitations, Wildfire Hazard	Non-Prime Agricultural District (AG-2)
Oom Road Entrance	City of Yreka	Low Density Residential/NA	Single Family Residential (R-1)
Skyline/Happy Camp			
Skyline	Siskiyou County	NA/None	Rural Residential Agricultural District (R-R)
Hillside			Rural Residential Agricultural District (R-R)
Indian Meadows/Happy Camp			
Evans I	Siskiyou County	NA/None	Rural Residential Agricultural District 5-Acre Minimum (R-R-B-5) 20-Acre Minimum (R-R-B-20)†
Evans II			Rural Residential Agricultural District 5-Acre Minimum (R-R-B-5)
Tello			Rural Residential Agricultural District (R-R)
Notes: * As designated by City of Yreka General Plan; parcel is within Yreka's Sphere of Influence. † The 20-acre minimum applies to the area north of Itroop Road. NA = Not Applicable Sources: City of Yreka, 2012. Siskiyou County, 2016b.			

Non-Prime Agricultural District (AG-2)

This district permits farm labor housing, one single-family home, a second dwelling, agricultural uses (tree, vine, row and field crops), livestock farming, wholesale nurseries, and greenhouses. Uses such as churches, schools, parks, playgrounds, public utility and buildings, private airports, dairies, commercial poultry operations and feed lots, golf courses, kennels, and public stables require a conditional use permit. Because the soil, climatic, and cropping history of the County differs from area to area, no minimum parcel is defined by the County's zoning ordinance.

8.2. AGRICULTURE

WILLIAMSON ACT PROVISIONS

The Williamson Act is a California law that provides relief of property tax to owners of farmland and open-space land in exchange for a ten-year agreement that the land will not be developed. There are no Williamson Act Contracts on the project parcels. Agricultural in the vicinity of the project parcels is limited to limited livestock grazing and home gardens.

FARMLAND PROTECTION POLICY ACT

The goal of the Farmland Protection Policy Act (FPPA) is to minimize the extent that federal actions and programs result in the conversion of agricultural lands to non-agricultural uses. Pursuant to the FPPA, the Farmland Conversion Rating Form (Form AD 1006) is used to determine the value of the farmland under consideration and the level of protection such land should receive. The completed Form AD 1006 for the Project site is provided in Appendix F of the Environmental Assessment. The results of the Farmland Conversion Impact Rating Form show that the project will not impact Prime Farmlands. No unique, statewide important, or locally important soils are located on the project sites.

9. PUBLIC SERVICES

9.1. WATER SUPPLY

HAPPY CAMP

The Happy Camp Community Services District (HCCSD) provides water supply to the village of Happy Camp. HCCSD obtains water from two diversions on Elk Creek, a tributary of the Klamath River located south of Happy Camp. The diversions are operated under two surface water diversion licenses issued by the California State Water Resources Control Board. These licenses allow for the diversion of up to three cubic feet per second (cfs). This diversion rate provides for up to 1.9 million gallons per day (mgd) and 2,172 acre-feet per year (af/yr). In 2016, HCCSD diverted a total of 395 acre-feet, approximately 18 percent of the permitted amount (SWRCB, 2017). Peak water demand occurs in July, when HCCSD provides approximately 0.9 to 1.0 mgd (Burnett, 2017).

YREKA

The City of Yreka provides potable water within the City Limits. The City obtains its water through six surface water rights: three from Greenhorn Creek on the west side of the city; two from Yreka Creek, which flows north through the city to the Shasta River; and one from Fall Creek, a tributary of the Klamath River located 22 miles northeast of the city. Currently, the City obtains all its municipal water supply from Fall Creek. Water from Yreka Creek is only used as an emergency backup, and Greenhorn Creek is only used for recreational purposes. All of the six water rights may be used for municipal water supply and are factored into the City's long-range water supply plans (**Table 11**).

TABLE 11
CITY OF YREKA WATER SUPPLY

Water Source	Quantity (af/yr)
Fall Creek	6,300
Yreka Creek	1,214
Greenhorn Creek	285
Total	7,799
Source: Pace Engineering, 2016.	

In compliance with State of California regulations, the City of Yreka has reviewed the reliability of its water sources in light of climate change and other factors. The City of Yreka 2015 Urban Water Management Plan (UWMP) identifies “very limited exposure to climate change impacts”, because while the City’s water supply sources do not have the ability to store surplus water in wet years for use in later dry years, the City’s existing surface water supply is spring sourced and does not rely on snowmelt. In support of this conclusion, the 2015 UWMP identifies that since the City developed the Fall Creek source in the late 1960s, the City has been able to meet water demand through every drought (Pace Engineering, 2016).

In 2015, the City of Yreka supplied 1,972 acre-feet of water. The City estimates that the total water demand will increase to 2,169 acre-feet in 2040. During drought years, the 2015 UWMP estimates that the City’s water supply would be reduced to 7,051 acre-feet due to diminished flows in Yreka and Greenhorn Creeks. The supply, though diminished, would still exceed demand in multiple dry year scenarios through 2040. While the City does not face a water supply shortage, the 2015 UWMP indicates that the City will conduct a feasibility study in the near future to investigate alternative water supply sources. Potential sources include groundwater and recycled water. In addition, the City recently improved its treatment facilities to allow distribution of Yreka Creek sourced water without a boil alert (Pace Engineering, 2016).

California’s recent drought (2012-2016) prompted local and state measures to manage water shortages. The City of Yreka adopted its Water Efficiency Ordinance (Yreka Municipal Code Chapter 12.12) in 2015 to meet State of California water conservation regulations. The ordinance defines water conservation stages and water use restrictions to be enforced under each stage. The stages correspond to water supply conditions: 1-Basic (supply will meet all demands), 2-Water Alert (supplies will probably not meet demands), 3-Water Warnings (supplies will not meet expected demands), 4-Water Crisis (supplies not meeting current demands), and 5-Water Emergency (failure of supply, storage, or distribution). The water use restrictions become increasingly stringent as either a drought or system failure reduces supplies. The restrictions are intended to increasingly reduce water demand as supplies become more limited and at Stage 5 are intended to reduce demand by up to 50%. Restrictions include limits to: landscape irrigation, construction dust control, operating swimming pools and water features, and vehicle washing. Violations are enforced by written warnings, fines and termination of service.

Water Service Area

The water rights issued by the State Water Resources Control Board define the “place of use” where water obtained under a permit may be used. The City of Yreka’s water service area is defined as the City’s jurisdictional boundary. Potable water from the City’s system may not be delivered beyond the City Limits. The Oom site is located directly adjacent to, but outside of, the City Limits. Accordingly, the City of Yreka’s water right permits would need to be amended to expand the place of use to include the Oom parcel. The Oom parcel is located within the City’s Sphere of Influence, which identifies the surrounding areas that the City may annex in the future. Annexations to the City of Yreka must be approved by the Siskiyou Local Agency Formation Commission (LAFCO).

9.2. WASTEWATER SERVICE

HAPPY CAMP

Wastewater service is provided by the Happy Camp Sanitary District (HCSD). HCSD operates a treatment plant at 63804 Klamath River Highway approximately 1.5 miles southwest of Happy Camp. A lift station near Indian Creek in Happy Camp pumps wastewater from the village to the treatment plant. The treatment plant consists of three aerated treatment ponds. Treated effluent is disposed in leach fields near the ponds. The plant has a design capacity of 480,000 gallons per day and an average inflow of 150,000 gallons per day (Tilley, 2017). The Tribe has a Memorandum of Agreement with HCSD by which HCSD provides sanitary services to the Tribe’s trust parcels and the Tribe pays all regular fees and assessments (Environmental Assessment, Appendix D).

YREKA

The City of Yreka provides wastewater service within the City Limits. The City’s collection system consists of approximately 48 miles of sewer collection and main lines, ranging in diameter from 4 to 24 inches. The gravity collection system is supplemented by lift stations, which are required to serve the extreme southerly and easterly portions of the service area. The Tribe currently operates a lift station on Apsuun Road near the KTHA office, that connects to a six-inch sewer main in Apsuun Road (Miller, 2017).

The City’s wastewater treatment plant (WWTP) is located on the north side of the city between Main Street (Route 263) and Yreka Creek. The WWTP provides secondary treatment with a complete mix activated sludge process. At the completion of processing the sludge is dewatered and disposed at a landfill. Treated effluent is disinfected with chlorine and disposed in a 31-acre subsurface infiltration field located north of the treatment plant. The WWTP has an average dry weather flow capacity of 1.0 MGD and a wet weather flow capacity of approximately 1.5 MGD. Currently, the average dry weather inflow is 0.84 MGD. Recent improvements to the WWTP include upgrades to the headworks, digestors and sludge processing. There are currently no expansion plans, but the City continues to monitor growth (Moore, 2017).

9.3. SOLID WASTE SERVICE

The Siskiyou County General Services Sanitation Division operates the solid waste disposal system in Siskiyou County. The Sanitation Division owns transfer stations in Happy Camp (65600 State Highway 96) and Yreka (2420 Oberlin Road). Curbside pick-up is operated by Happy Camp Disposal Services in Happy Camp and Yreka Transfer, LLC in Yreka. All waste from the Happy Camp transfer station is hauled to the Yreka transfer station. The Yreka transfer station is permitted to handle 100 tons per day, while typical daily volumes range from 4 to 40 tons per day. From the transfer stations, all solid waste is sent to the Dry Creek Landfill in Eagle Point Oregon (Boyd, 2017).

The Dry Creek Landfill occupies 250 acres of which will have 75 acres of lined cells by the end of 2017. The landfill currently receives approximately 460,000 tons of solid waste per year, and is not limited in the amount of solid waste it receives on a daily or annual basis. The projected operational life of the facility is over 100 years (Fortier, 2017). Dry Creek Landfill has an active methane gas collection and control system that produces electricity for 3,200 homes (Rogue Disposal and Recycling, 2017).

9.4. ELECTRICITY, NATURAL GAS, AND TELECOMMUNICATIONS

Electricity service in the region area is provided by Pacific Power. There is no natural gas service in the project area; instead, propane tanks are used. Siskiyou Telephone provides telephone and internet service in the Happy Camp area. AT&T and Northland currently provides telephone and internet service to the Yreka area. Cable and cellular service is also available in the region by numerous carriers.

9.5. LAW ENFORCEMENT

California is a Public Law 280 State that allows for state criminal law enforcement jurisdiction on Tribal Lands. The Siskiyou County Sheriff's Department provides general public safety and law enforcement on the Karuk Tribe's trust lands in Happy Camp. On the Karuk Tribe's trust lands in Yreka, these services are provided by the Yreka Police Department. The Siskiyou County Sheriff's Department has 55 sworn personnel and is located at 305 Butte Street in Yreka. The Sheriff's Department has substations in Happy Camp, Dunsmuir, and Mount Shasta and provides law enforcement throughout unincorporated Siskiyou County (Federico, 2017). The Yreka Police Department currently has 14 sworn personnel and 22 staff members (West, 2017). The Yreka Police Station is located at 412 West Miner Street in Yreka. The California Highway Patrol, with stations in Yreka, Crescent City and Mt. Shasta, provides support to local law enforcement agencies. The administration and enforcement of civil laws are retained by tribal governments. The Karuk Tribal Court hears civil matters and resolves disputes based on the Tribe's laws, ordinances and customs.

9.6. FIRE PROTECTION/EMS

Fire protection in Siskiyou County is provided by numerous local, state and federal agencies. In the Happy Camp area, fire protection is provided by the Happy Camp Fire Protection District located at 26 Fourth

Avenue in Happy Camp. The Klamath National Forest provides fire protection for the National Forest lands surrounding Happy Camp.

In Yreka, the Yreka Fire Department provides fire protection service within the city. The fire station is located at 401 West Miner Street and is staffed by volunteers. The department has 30 volunteers and responds to an average of 1,400 incidents per year (City of Yreka, 2017). The department also provides life support services and approximately 80 percent are for medical aid. The Yreka Fire Department has a mutual aid agreement with the California Department of Forestry and Fire Protection (Cal-Fire) to serve outlying areas.

The Happy Camp Volunteer Ambulance Service serves the Happy Camp community with eight volunteer members and a paid EMT manager. The Happy Camp Volunteer Ambulance Service has three ambulances including one four-wheel drive (Fehely, 2017). Minor emergencies are accepted at the Karuk Tribe Clinics during office hours in Happy Camp and Yreka. All other emergencies are directed to the Fairchild Medical Center in Yreka.

10. NOISE AND VIBRATION

10.1. BACKGROUND

NOISE

Noise is generally defined as unwanted or objectionable sound. Noise levels are described in A-weighted decibels (dBA), an expression of the relative loudness of sounds in air as perceived by the human ear. The term maximum sound level (L_{max}) is used to describe the highest sound level recorded during a noise event. However, the impact of noise is not a function of loudness alone; the time of day when noise occurs and the duration of the noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. The noise descriptors used for this study are the 1-hour equivalent noise level (Leq) and the day-night average sound level (L_{dn}). The Leq is the average dBA sound level over a one-hour period. The L_{dn} is the average noise level over a 24-hour period. The between the hours of 10:00 P.M. and 7:00 A.M. is artificially increased by 10dB. Adding 10 dB to the nighttime hours accounts for the added sensitivity of humans to noise during these time periods. Change in noise levels is perceived as follows: 3 dBA barely perceptible, 5 dBA readily perceptible, and 10 dBA perceived as a doubling or halving of noise (FHWA, 1995). A range of noise levels associated with common indoor and outdoor activities is shown in **Table 12**.

TABLE 12
REPRESENTATIVE ENVIRONMENTAL NOISE LEVELS

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	—110—	Rock Band
Jet Fly-over at 100 feet		
	—100—	
Gas Lawnmower at 3 feet		
	—90—	
		Food Blender at 3 feet
Diesel Truck going 50 mph at 50 feet	—80—	Garbage Disposal at 3 feet
Noisy Urban Area during Daytime		
Gas Lawnmower at 100 feet	—70—	Vacuum Cleaner at 10 feet
Commercial Area		Normal Speech at 3 feet
Heavy Traffic at 300 feet	—60—	
		Large Business Office
Quiet Urban Area during Daytime	—50—	Dishwasher in Next Room
Quiet Urban Area during Nighttime	—40—	Theater, Large Conference Room (background)
Quiet Suburban Area during Nighttime		
	—30—	Library
Quiet Rural Area during Nighttime		Bedroom at Night, Concert Hall (background)
	—20—	
		Broadcast/Recording Studio
	—10—	
Lowest Threshold of Human Hearing	—0—	Lowest Threshold of Human Hearing
Source: Caltrans, 2009.		

Sound from a small localized source (approximating a “point” source) radiates uniformly outward as it travels away from the source in a spherical pattern. Natural factors such as ground surface, topography, vegetation, and temperature can further reduce noise over distance. Where the ground surface is a generally flat, hard surface such as water, concrete, or hard-packed soil, sound levels decrease or attenuate at a rate of 6 dBA for each doubling of the distance. When ground cover or normal unpacked earth (i.e., a soft site) exists between the source and receptor, the ground becomes absorptive of noise energy. Absorptive ground results in an additional 1.5 dB reduction per doubling of distance as it spreads from the source. Added to the standard reduction rate for soft site conditions, point source noise attenuates at a rate of 7.5 dB per doubling of distance.

A break in the line of sight between the noise source and the receptor can result in a 5 dB reduction. Dense vegetation can reduce noise levels by as much as 5 dB for every 100 feet of vegetation, up to a maximum reduction of 10 dB over 200 feet (FHWA, 1995). Atmospheric conditions can also affect the rate of noise attenuation. Noise travels farther during periods of higher humidity and also in colder temperatures. Wind can reduce noise levels by as much as 20 to 30 dB at long distances (FHWA, 1995). The influences of vegetation, topography, and atmospheric conditions as noise reduction factors can vary greatly so are difficult to include in an analysis. Therefore, these factors are not taken into account in environmental noise analyses over short distances. As a result, such analyses are conservative and likely to predict noise levels that are higher than actual noise levels.

Traffic noise, which is one of the most common sources of environmental noise, is not a single, stationary point source of sound. The movement of vehicles makes the source of the sound appear to emanate from a line (line source) rather than a point when viewed over some time interval. The attenuation rate for a line source is 3 dBA for each doubling of distance over hard surfaces, and 4.5 dBA over soft surfaces.

VIBRATION

Vibration is caused by oscillatory waves that propagate through the ground. Vibration can be a serious concern, causing buildings to shake and in some causing damage. In contrast to noise, vibration is not a common environmental problem. Some common sources of vibration are trains, buses on rough roads, and construction activities such as blasting, pile driving, and heavy earth-moving equipment.

Like noise, vibration from a single source may consist of a range of frequencies. The magnitude of vibration is commonly expressed as the peak particle velocity (PPV) in the unit of inches per second (in/sec). The PPV is the maximum velocity experienced by any point in a structure during a vibration event and indicates the magnitude of energy transmitted through vibration. PPV is an indicator often used in determining potential damage to buildings from vibration associated with blasting and other construction activities. **Table 13** summarizes the typical effects of vibration on people and buildings based on a review of published vibration levels and effects (Caltrans, 2013).

TABLE 13
VIBRATION EFFECTS ON BUILDINGS AND HUMANS

Effects	Peak Particle Velocity (in/sec)	
	Transient Sources ¹	Continuous/Frequent Intermittent Sources ²
Potentially Damaged Structure Type		
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some old buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5
Human Responses		
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4
Notes: 1 Transient sources create a single isolated vibration event, such as blasting and drop balls. 2 Continuous/frequent intermittent sources include impact pile drivers, vibratory pile drivers, and vibratory compaction equipment. Source: Caltrans, 2013		

10.2. APPLICABLE STANDARDS AND REGULATIONS

The Karuk Tribe has not adopted any noise guidelines. The County has established noise standards in the Noise Element of the Siskiyou County General Plan. While Tribal trust lands are not subject to these standards, for the purposes of this analysis the Tribe uses these standards in the determination of significance for the Proposed Action.

SISKIYOU COUNTY GENERAL PLAN NOISE ELEMENT

The Siskiyou County General Plan Noise Element identifies land use compatibility standards for exterior community noise for a variety of land use categories for project planning purposes. For residential land uses, an exterior noise level of 60 Ldn is identified as being “acceptable” requiring no special noise insulation or noise abatement features unless the proposed development is itself considered a source of incompatible noise for a nearby land use. The outdoor noise level planning criteria identified in the Noise

Element are intended to assure that a 45 Ldn indoor level will be achieved by the noise attenuation of regular construction materials.

YREKA GENERAL PLAN NOISE ELEMENT

The Yreka General Plan Noise Element identifies exterior and interior noise level standards for noise-sensitive areas of new land uses. For residential land uses, the outdoor activity area noise standard is 60 Ldn, however an exterior noise level of up to 65 dB Ldn may be allowed provided that available exterior noise level reduction measures have been implemented and interior noise levels are met. The interior noise standard for residential land uses is 45 Ldn and 45 peak-hour Leq (City of Yreka, 2013).

10.3. NOISE EXPOSURE

The project sites are located in residential and rural areas. Noise sources in these areas are limited to local traffic, typical neighborhood noise, and occasional construction.

HAPPY CAMP SITES

The Indian Meadows Project site noise environment is defined by traffic on Grayback Road and Indian Meadows Drive and by the residential neighborhood located on these roads. Noise sensitive land uses within the area include residences and the Assembly of God church located on Indian Meadows Drive.

The Skyline Project site noise environment is defined by traffic on the Klamath River Highway, Hillside Road, Park Way and other local streets. The Happy Camp Elementary School and associated sports fields, River Park, and surrounding residential uses contribute to the noise environment and are also considered noise sensitive land uses.

YREKA/OOM SITE

The noise environment of the Oom site is characterized by traffic on Apsuun Road and rural residences in the area. The KTHA office to the west also contributes to the noise environment. Noise sensitive land uses within the area consist of rural residences to the north, south and east.

11. HAZARDOUS MATERIALS

A Phase I was performed by Hillary Renick, Environmental Protection Specialist with the Pacific Region BIA. The Phase 1 ESA is provided in Appendix J of the Environmental Assessment. The purpose of the Phase I was to identify potential Recognized Environmental Conditions (RECs), associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities consisted of: 1) a review of federal, state, tribal and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site

reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

A search of available environmental database was conducted by Environmental Data Resource, Inc (EDR). EDR prepared three reports of findings: one covering the Oom (APN 013-120-420) and Oom Road Entrance (APN 062-151-250) parcels in Yreka, one covering the Skyline (APN 016-412-240) and Hillside (APN 016-412-340) parcels in Happy Camp, and one covering the Evans I (APN 016-010-460), Evans II (APN 016-010-400), and Tello (APN 016-531-330) parcels in Happy Camp. The report summaries are included in Appendix J of the Environmental Assessment. The full reports are on file with the Pacific Region BIA.

The EDR record searches found two sites within one-half mile of the Oom and Oom Road Entrance parcels. These sites consist of an auto repair facility and a historic underground storage tank. No spills are reported, and neither site poses an apparent risk to the subject parcels.

The EDR record searches found eight sites within one-half mile of the Skyline/Hillside parcels. These include six leaking underground storage tank (LUST) sites, all of which have been cleaned up and the cases closed by the North Coast Regional Water Quality Control Board. Two spills were also reported within one-half mile, neither of which are active cleanup sites. None of the eight sites poses an apparent risk to the subject parcels.

The EDR record searches found three sites within one-half mile of the Evans I/Evans II/Tello parcels. These include two non-hazardous solid waste landfills and one LUST site. The LUST site was cleaned up and the case was closed by the North Coast Regional Water Quality Control Board. None of the three sites poses an apparent risk to the subject parcels.

Consultation with regulatory agencies, and a review of databases revealed no evidence of the use or storage of hazardous materials on the project sites or surrounding areas. The site reconnaissance found no environmental conditions on the project sites, or on the surrounding areas. The Phase I did not identify any existing hazardous material releases on the project sites or surrounding parcels. No further investigation is required based on the Phase 1.

12. VISUAL RESOURCES

12.1. YREKA/OOM SITE

The visual character of the Oom project site is defined by rolling woodland and chaparral covered hillsides (**Figure 8**). The Oom parcel is in a saddle between low hills, with unnamed ephemeral drainages flowing east and west from the site. The general topography in the area slopes down from the Kilgore Hills south of the site toward Oberlin Road. The surrounding area is a mixture of open space and rural residential development. Most of the nearby residential development is on the Tribe's existing trust lands west and

south of the project site. Due to the hilly terrain and vegetation, views of the project site from the surrounding area are limited. The Oom parcel is most visible from the homes and KTHA office off Apsuun Road.

The Oom Entrance Road parcel is gently sloping and an unpaved driveway crosses the site. Scattered oak trees and an overhead utility lines further define the visual character. The parcel connects the residential development along Sandpiper Court to the rural residence south of the site.

12.2. HAPPY CAMP SITES

The Indian Meadows project site consists of the Evans I, Evans II and Tello properties. Evans I and Evans II properties are characterized by steep forested slopes (**Figure 8**). An overhead powerline crosses the southwest portion of the property and there are two clearings where homes once stood in the northwestern portion of the Evans I property. The portion of Evans I west of Indian Creek Road is gently sloping and heavily vegetated with pine-fir forest and thick undergrowth. The Tello property is gently sloping with mature trees and grass understory. Portions of the project site are visible from the village of Happy Camp, Highway 96, Indian Creek Road, and Indian Meadows Drive. The surrounding area is a mixture of open space and rural residential development.

The Skyline project site consists of Skyline and Hillside parcels. These parcels are located within the village of Happy Camp between the Happy Camp Elementary School (114 Park Way) and Hillside Drive. The site is gently sloping with a steeper slope along Hillside Drive. Vegetation in the northwest corner near Hillside Drive is pine-fir forest with the remainder of the site being grassland, blackberry brambles and willow thickets. This site is visible from the Elementary School and the grounds and sport fields that border the project site. Homes and businesses along Hillside Road and Park Way have views of the project site that are partially screened by trees. The surrounding area is a mixture of open space and residential and commercial development.



Oom Property: View of chaparral habitat in north central portion of property looking southwest.



Oom Property: View of oak and juniper woodland on western portion of property looking southeast.



Oom Road Entrance Property: View of unpaved driveway in central portion of property looking north.



Skyline and Hillside Properties: View of eastern portion of the Skyline/Hillside properties, looking north toward elementary school.



Skyline and Hillside Properties: View of western portion of the Skyline/Hillside properties, looking southeast from Hillside Road.



Evans I Property: View of Evans I property west of Grayback Road, looking east.



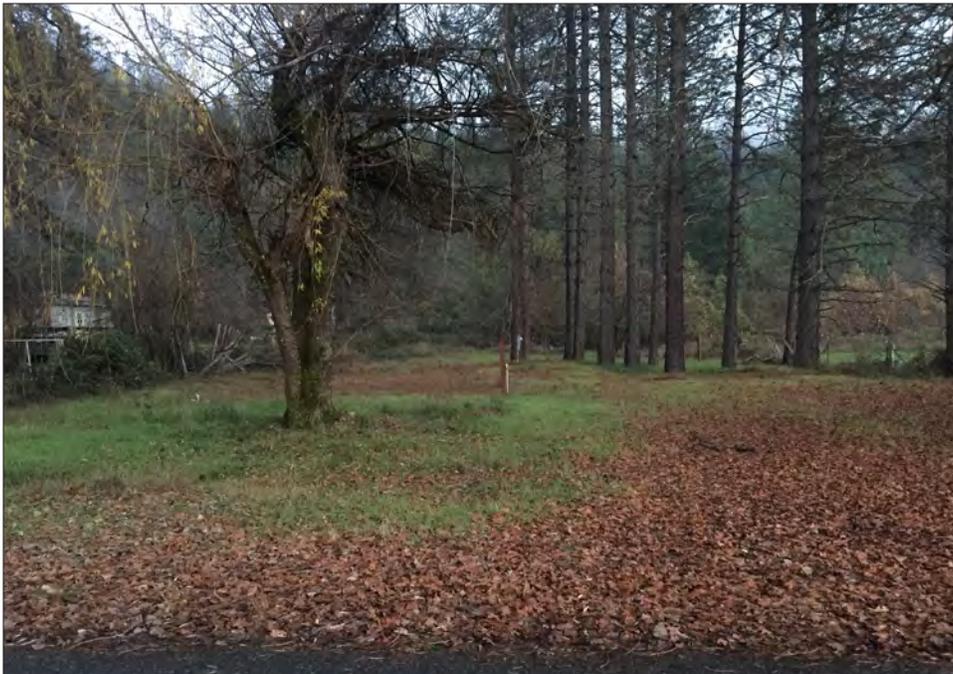
Evans I Property: Northcentral portion of Evans I property, looking southwest.



Evans I Property: Ranch Gulch within the Evans I property, looking north.



Evans II Property: Access trail and overhead electrical lines on Evans II property, looking southwest.



Tello Property: Tello property from Indian Meadows Drive, looking east.

APPENDIX F

AIR QUALITY CALCEMOD FILES

Oom - Siskiyou County, Annual

Oom
Siskiyou County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	10.00	Dwelling Unit	10.00	18,000.00	29

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	85
Climate Zone	14			Operational Year	2018
Utility Company	PacifiCorp				
CO2 Intensity (lb/MW hr)	1656.39	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Oom - Siskiyou County, Annual

Project Characteristics - Assume 8-month construction period, March 1 to October 31, 2018.

Land Use - Development Area = 10 acres

Construction Phase - No Demolition - No existing structures to remove.

Off-road Equipment - No demolition required.

Trips and VMT - Grading haul trips assume 7,500 cy cut, 7,500 cy fill

Grading - Development Area=11 Acres (includes access road)

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Off-road Equipment -

Oom - Siskiyou County, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	230.00	183.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	25.00	11.00
tblGrading	MaterialExported	0.00	7,500.00
tblGrading	MaterialImported	0.00	7,500.00
tblLandUse	LotAcreage	3.25	10.00
tblTripsAndVMT	HaulingTripNumber	3,750.00	2,200.00

2.0 Emissions Summary

Oom - Siskiyou County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-1-2018	5-31-2018	1.7150	1.7150
2	6-1-2018	8-31-2018	1.0363	1.0363
3	9-1-2018	9-30-2018	0.3379	0.3379
		Highest	1.7150	1.7150

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7282	0.0131	0.8493	1.4100e-003		0.1090	0.1090		0.1090	0.1090	10.3296	4.4534	14.7829	9.6500e-003	8.1000e-004	15.2664
Energy	8.0000e-004	6.8700e-003	2.9200e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	78.0005	78.0005	1.3800e-003	4.0000e-004	78.1541
Mobile	0.0704	0.5551	0.7924	2.0200e-003	0.1007	3.3300e-003	0.1041	0.0272	3.1600e-003	0.0303	0.0000	186.2996	186.2996	0.0149	0.0000	186.6713
Waste						0.0000	0.0000		0.0000	0.0000	1.4717	0.0000	1.4717	0.0870	0.0000	3.6460
Water						0.0000	0.0000		0.0000	0.0000	0.2067	3.7289	3.9356	0.0213	5.1000e-004	4.6214
Total	0.7994	0.5751	1.6446	3.4700e-003	0.1007	0.1129	0.2136	0.0272	0.1127	0.1399	12.0080	272.4823	284.4903	0.1342	1.7200e-003	288.3592

Oom - Siskiyou County, Annual

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-147.2900
Total	-147.2900

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2018	2/28/2018	6	0	No existing structures to remove.
2	Site Preparation	Site Preparation	3/1/2018	3/12/2018	6	10	
3	Grading	Grading	3/13/2018	3/23/2018	6	10	
4	Building Construction	Building Construction	3/24/2018	10/23/2018	6	183	
5	Paving	Paving	10/24/2018	10/30/2018	6	6	
6	Architectural Coating	Architectural Coating	10/31/2018	11/10/2018	6	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 11

Acres of Paving: 0

Skyline - Siskiyou County, Annual

Skyline
Siskiyou County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	9.00	Dwelling Unit	3.50	16,200.00	26

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	85
Climate Zone	14			Operational Year	2018
Utility Company	PacifiCorp				
CO2 Intensity (lb/MW hr)	1656.39	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Skyline - Siskiyou County, Annual

tblConstructionPhase	PhaseEndDate	2/28/2018	9/13/2018
tblConstructionPhase	PhaseEndDate	2/28/2018	10/31/2018
tblConstructionPhase	PhaseEndDate	2/28/2018	3/23/2018
tblConstructionPhase	PhaseEndDate	2/28/2018	3/31/2018
tblConstructionPhase	PhaseEndDate	2/28/2018	3/12/2018
tblConstructionPhase	PhaseStartDate	3/1/2018	9/3/2018
tblConstructionPhase	PhaseStartDate	3/1/2018	4/2/2018
tblConstructionPhase	PhaseStartDate	3/1/2018	3/13/2018
tblConstructionPhase	PhaseStartDate	3/1/2018	3/26/2018
tblGrading	AcresOfGrading	5.00	3.50
tblGrading	MaterialExported	0.00	2,500.00
tblGrading	MaterialImported	0.00	2,400.00
tblLandUse	LotAcreage	2.92	3.50
tblTripsAndVMT	HaulingTripNumber	387.00	714.00

2.0 Emissions Summary

Skyline - Siskiyou County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-1-2018	5-31-2018	1.2657	1.2657
2	6-1-2018	8-31-2018	1.0357	1.0357
3	9-1-2018	9-30-2018	0.5876	0.5876
		Highest	1.2657	1.2657

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6554	0.0118	0.7644	1.2700e-003		0.0981	0.0981		0.0981	0.0981	9.2966	4.0080	13.3047	8.6900e-003	7.3000e-004	13.7397
Energy	7.2000e-004	6.1800e-003	2.6300e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	70.2005	70.2005	1.2400e-003	3.6000e-004	70.3387
Mobile	0.0536	0.4429	0.5932	1.7500e-003	0.0907	2.2400e-003	0.0929	0.0244	2.1200e-003	0.0266	0.0000	162.0695	162.0695	0.0119	0.0000	162.3663
Waste						0.0000	0.0000		0.0000	0.0000	1.3194	0.0000	1.3194	0.0780	0.0000	3.2689
Water						0.0000	0.0000		0.0000	0.0000	0.1860	3.3560	3.5421	0.0192	4.6000e-004	4.1593
Total	0.7098	0.4609	1.3602	3.0600e-003	0.0907	0.1008	0.1915	0.0244	0.1007	0.1252	10.8021	239.6340	250.4361	0.1190	1.5500e-003	253.8729

Skyline - Siskiyou County, Annual

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-11.1000
Total	-11.1000

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2018	2/28/2018	6	0	
2	Site Preparation	Site Preparation	3/1/2018	3/12/2018	6	10	
3	Grading	Grading	3/13/2018	3/23/2018	6	10	
4	Paving	Paving	3/26/2018	3/31/2018	6	6	
5	Building Construction	Building Construction	4/2/2018	10/31/2018	6	183	
6	Architectural Coating	Architectural Coating	9/3/2018	9/13/2018	6	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3.5

Acres of Paving: 0

Indian Meadows - Siskiyou County, Annual

Indian Meadows
Siskiyou County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	7.00	Dwelling Unit	4.00	12,600.00	20

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	85
Climate Zone	14			Operational Year	2018
Utility Company	PacifiCorp				
CO2 Intensity (lb/MW hr)	1656.39	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Assumes 8-month construction period, March 1 to October 31, 2018.

Land Use - Development Area = 4 acres

Construction Phase - No demolition required

Off-road Equipment -

Grading - Grading assumes construction of 7 house pads.

Energy Use -

Land Use Change - Assumes no change on remainder of project site

Construction Off-road Equipment Mitigation -

Trips and VMT - Haul trips based on 4,500 cy cut/ 4,500 cy fill

Off-road Equipment - Typical Paving mix

Indian Meadows - Siskiyou County, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	18.00	10.00
tblConstructionPhase	NumDays	230.00	183.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	8.00	10.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	11/10/2018	9/13/2018
tblConstructionPhase	PhaseStartDate	10/31/2018	9/3/2018
tblGrading	MaterialExported	0.00	4,500.00
tblGrading	MaterialImported	0.00	4,500.00
tblLandUse	LotAcreage	2.27	4.00
tblLandUseChange	CO2peracre	14.30	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	HaulingTripNumber	1,125.00	1,300.00

2.0 Emissions Summary

Indian Meadows - Siskiyou County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-1-2018	5-31-2018	1.4206	1.4206
2	6-1-2018	8-31-2018	1.0357	1.0357
3	9-1-2018	9-30-2018	0.5345	0.5345
		Highest	1.4206	1.4206

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5098	9.1900e-003	0.5945	9.9000e-004		0.0763	0.0763		0.0763	0.0763	7.2307	3.1174	10.3481	6.7600e-003	5.7000e-004	10.6865
Energy	5.6000e-004	4.8100e-003	2.0500e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	54.6004	54.6004	9.7000e-004	2.8000e-004	54.7078
Mobile	0.0493	0.3886	0.5547	1.4100e-003	0.0705	2.3300e-003	0.0729	0.0190	2.2100e-003	0.0212	0.0000	130.4097	130.4097	0.0104	0.0000	130.6699
Waste						0.0000	0.0000		0.0000	0.0000	1.0150	0.0000	1.0150	0.0600	0.0000	2.5145
Water						0.0000	0.0000		0.0000	0.0000	0.1447	2.6103	2.7549	0.0149	3.6000e-004	3.2350
Total	0.5596	0.4026	1.1513	2.4300e-003	0.0705	0.0790	0.1495	0.0190	0.0789	0.0979	8.3903	190.7376	199.1280	0.0930	1.2100e-003	201.8138

Indian Meadows - Siskiyou County, Annual

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-444.0000
Total	-444.0000

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2018	2/28/2018	6	0	
2	Site Preparation	Site Preparation	3/1/2018	3/12/2018	6	10	
3	Grading	Grading	3/13/2018	3/23/2018	6	10	
4	Building Construction	Building Construction	3/24/2018	10/23/2018	6	183	
5	Architectural Coating	Architectural Coating	9/3/2018	9/13/2018	6	10	
6	Paving	Paving	10/24/2018	10/30/2018	6	6	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

APPENDIX G

*BIOLOGICAL RESOURCES ASSESSMENT:
KARUK TRIBE RESIDENTIAL DEVELOPMENT PROPERTIES*

Biological Resources Assessment

Karuk Tribe Residential Development Properties

Siskiyou County, California



Prepared For:

Environmental Data Systems

FINAL

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1.0 INTRODUCTION

At the request of Environmental Data Systems, ECORP Consulting, Inc. (ECORP) has conducted a biological resources assessment (BRA) for the Karuk Tribe Residential Development Properties (Project) located in Siskiyou County, California. The Project consists of three groupings of properties located in Happy Camp and Yreka California, as identified in Table 1 below. The Karuk Tribe is proposing to construct residential housing and associated roads and infrastructure within these properties. The purpose of the assessment is to collect information on the biological resources present within the Project and to determine any potential biological constraints to residential development within the Project. Table 1 below shows the location, associated APNs, and approximate total acres of the properties to be assessed.

Name	Location	APN(s)	Total Acres
Happy Camp Properties Evans/Tello	Happy Camp, Siskiyou County	016-010-460; 016-010-400; 016-531-330	113.29
Skyline/Hillside	Happy Camp, Siskiyou County	016-412-240; 016-412-340	4.14
Yreka Properties Oom	Yreka, Siskiyou County	013-120-420 (unincorporated Siskiyou County); 062-151-250 (City of Yreka)	20.37

1.1 Project Location

1.1.1 Evans/Tello

The ±113.29-acre Evans/Tello properties are located north of U.S. Highway 96 (Klamath River Highway) and east of Indian Creek in the town of Happy Camp, California. The Evans/Tello properties correspond to a portion of Section 2, Township 16 North, and Range 7 East (Humboldt Base and Meridian [HB&M]) of the "Happy Camp, California" and "Slater Butte, California" 7.5-minute quadrangles (U.S. Geological Survey [USGS] 1980a and 1980b) (Figure 1a. *Project Location and Vicinity for Evans/Tello*). The approximate center of the Evans/Tello properties is located at latitude 41.8108991167274, longitude -123.371858334117 within the Lower Klamath Watershed (Hydrologic Unit Code [HUC] #18010209, Natural Resources Conservation Service [NRCS], USGS, and Environmental Protection Agency [USEPA] 2016).

1.1.2 Skyline/Hillside

The ±4.14-acre Skyline/Hillside properties are located southeast of Klamath River Highway, east of Hillside Road, southwest of Park Way, and north of the Klamath River in the town of Happy Camp, California. The Skyline/Hillside properties correspond to a portion of Section 11, Township 16 North, and Range 7 East (HB&M) of the "Happy Camp, California" and "Slater Butte, California" 7.5-minute quadrangles (USGS 1980a and 1980b) (Figure 1b. *Project Location and Vicinity for Skyline/Hillside*). The approximate center of the Skyline/Hillside properties is located at latitude 41.793445646208,

longitude -123.374009186464 within the Lower Klamath Watershed (HUC#18010209, NRCS, USGS, and USEPA 2016).

1.1.3 Oom

The ±20.37-acre Oom properties are located east of Interstate 5, east and north of Apsuun, and south of Swallow Circle in Yreka, California. The Oom properties correspond to a portion of Section 35, Township 45 North, and Range 7 West (Mount Diablo Base and Meridian) of the “Montague, California” 7.5-minute quadrangle (USGS 1984) (Figure 1c. *Project Location and Vicinity for Oom*). The approximate center of the Oom properties is located at latitude 41.7030336242444, longitude -122.614815871918 within the Shasta Watershed (HUC#18010207, NRCS, USGS, and USEPA 2016).

1.2 Purpose of this Biological Resources Assessment

The purpose of this BRA is to assess the potential for occurrence of special-status plant and animal species or their habitat, and sensitive habitats such as wetlands within the Project. Specifically, this BRA is being prepared to support the Environmental Assessment pursuant to the National Environmental Policy Act and to support U.S. Fish and Wildlife Service (USFWS) consultation. This BRA is not based upon determinate field surveys conducted according to agency-promulgated protocols. The conclusions and recommendations presented in this report are based upon a review of the referenced documents and site reconnaissance.

For the purposes of this assessment, special-status species are defined as plants or animals that:

- Are listed, proposed for listing, or candidates for future listing as threatened or endangered under the federal Endangered Species Act (ESA) or
- Are birds identified as birds of conservation concern (BCC) by USFWS.

Only species that fall into one of the above-listed groups were considered for this assessment. While other plant and animal species (e.g., California-listed species, California Department of Fish and Wildlife [CDFW] species of special concern, California Native Plant Society [CNPS] rare plants) are often found in database searches or within the literature, these were not included within this analysis.

2.0 REGULATORY SETTING

This report describes potential Waters of the United States (U.S.), including wetlands, which may be regulated by the U.S. Army Corps of Engineers (USACE) under Section 404 of the federal Clean Water Act (CWA).

2.1 Wetlands

Wetlands are *“those areas that are inundated or saturated by surface or ground-water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions”* [51 Federal Register (FR) 41250, Nov. 13, 1986, as amended at 58 FR 45036, Aug. 25, 1993]. Wetlands can be perennial or intermittent, and isolated or adjacent to other waters.

2.1.1 Other Waters

Other waters are non-tidal, perennial, and intermittent watercourses and tributaries to such watercourses [51 FR 41250, Nov. 13, 1986, as amended at 58 FR 45036, Aug. 25, 1993]. The limit of USACE jurisdiction for non-tidal watercourses (without adjacent wetlands) is defined in 33 Code of Federal Regulations (CFR) 328.4(c)(1) as the “ordinary high water mark” (OHWM). The OHWM is defined as the *“line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas”* [51 FR 41250, Nov. 13, 1986, as amended at 58 FR 45036, Aug. 25, 1993]. The bank-to-bank extent of the channel that contains the water flow during a normal rainfall year generally serves as a good first approximation of the lateral limit of USACE jurisdiction. The upstream limits of other waters are defined as the point where the OHWM is no longer perceptible.

2.2 Applicable Federal Regulations

2.2.1 Federal Clean Water Act

The USACE regulates discharge of dredged or fill material into Waters of the U.S. under Section 404 of the CWA. “Discharges of fill material” is defined as *“the addition of fill material into Waters of the U.S., including, but not limited to the following: placement of fill that is necessary for the construction of any structure, or impoundment requiring rock, sand, dirt, or other material for its construction; site development fills for recreational, industrial, commercial, residential, and other uses; causeways or road fills; and fill for intake and outfall pipes, and subaqueous utility lines”* [33 CFR §328.2(f)]. In addition, Section 401 of the CWA [33 U.S. Code (USC) 1341] requires *“any Applicant for a federal license or permit to conduct any activity that may result in a discharge of a pollutant into Waters of the U.S. to obtain a certification that the discharge will comply with the applicable effluent limitations and water quality standards.”* The USEPA also has authority over wetlands and may override a USACE permit.

Substantial impacts to wetlands may require an individual permit. Projects that only minimally affect wetlands may meet the conditions of one of the existing Nationwide Permits. A Water Quality Certification or waiver pursuant to Section 401 of the CWA is required for Section 404 permit actions. In California, this certification or waiver is typically issued by the Regional Water Quality Control Board. However, in the case of tribal lands that are held in trust, this certification or waiver is issued by the USEPA.

2.2.2 Federal Endangered Species Act

The federal ESA protects plants and animals that are listed by USFWS and/or the National Marine Fisheries Service (NMFS) as endangered or threatened. Section 9 of ESA prohibits the taking of listed wildlife, where take is defined as “harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or attempt to engage in such conduct” (50 CFR 17.3). For plants, this statute governs removing, possessing, maliciously damaging, or destroying any listed plant on federal land and removing, cutting,

digging up, damaging, or destroying any listed plant on nonfederal land in knowing violation of state law (16 USC 1538). Under Section 7 of ESA, federal agencies are required to consult with USFWS if their actions, including permit approvals or funding, could adversely affect a listed (or proposed) species (including plants) or its Critical Habitat. Through consultation and the issuance of a biological opinion (BO), the USFWS may issue an incidental take statement allowing take of the species that is incidental to an otherwise authorized activity provided the activity will not jeopardize the continued existence of the species. Section 10 of ESA provides for issuance of incidental take permits where no other federal actions are necessary, provided a habitat conservation plan is developed.

Section 7

Section 7 of ESA mandates that all federal agencies consult with USFWS and/or NMFS to ensure that federal agencies' actions do not jeopardize the continued existence of a listed species or adversely modify Critical Habitat for listed species. If direct and/or indirect effects that appreciably diminish the value of Critical Habitat for both the survival and recovery of a species would occur, the adverse modifications will require formal consultation with USFWS or NMFS. If adverse effects are likely, the applicant must conduct a biological assessment (BA) for the purpose of analyzing the potential effects of the project to establish and justify an "effect determination." The federal agency reviews the BA; if it concludes that the project may adversely affect a listed species or its habitat, it prepares a BO. The BO may recommend "reasonable and prudent alternatives" to the project to avoid jeopardizing or adversely modifying habitat.

Critical Habitat and Essential Habitat

Critical Habitat is defined in Section 3 of ESA as (1) the specific areas within the geographical area occupied by a species, at the time it is listed in accordance with the ESA, on which are found those physical or biological features essential to the conservation of the species and that may require special management considerations or protection; and (2) specific areas outside the geographical area occupied by a species at the time it is listed, upon a determination that such areas are essential for the conservation of the species. For inclusion in a Critical Habitat designation, habitat within the geographical area occupied by the species at the time it was listed must first have features that are essential to the conservation of the species. Critical habitat designations identify, to the extent known and using the best scientific data available, habitat areas that provide essential life cycle needs of the species (areas on which are found the primary constituent elements). Primary constituent elements are the physical and biological features that are essential to the conservation of the species and that may require special management considerations or protection. These include but are not limited to the following:

- Space for individual and population growth and for normal behavior,
- Food, water, air, light, minerals, or other nutritional or physiological requirements
- Cover or shelter
- Sites for breeding, reproduction, or rearing (or development) of offspring

- Habitats that are protected from disturbance or are representative of the historic, geographical, and ecological distributions of a species

Excluded Essential Habitat is defined as areas that were found to be Essential Habitat for the survival of a species and assumed to contain at least one of the primary constituent elements for the species but were excluded from the Critical Habitat designation. The USFWS has stated that any action within the excluded Essential Habitat that triggers a federal nexus will be required to undergo the Section 7(a)(1) process, and the species covered under the specific Critical Habitat designation would be afforded protection under Section 7(a)(2) of ESA.

Essential Fish Habitat

In accordance with the Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), federal agencies are required to consult with the NMFS for activities that may affect Essential Fish Habitat (EFH). EFH are the waters and substrate necessary for fish spawning, breeding, feeding, or growth to maturity, and include several important components: adequate substrate; water quality; water quantity, depth, and velocity; channel gradient and stability; food; cover and habitat complexity; space; access and passage; and habitat connectivity (Pacific Fishery Management Council 2000).

2.2.3 Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) implements international treaties between the United States and other nations devised to protect migratory birds, any of their parts, eggs, and nests from activities such as hunting, pursuing, capturing, killing, selling, and shipping, unless expressly authorized in the regulations or by permit. As authorized by the MBTA, USFWS issues permits to qualified applicants for the following types of activities: falconry, raptor propagation, scientific collecting, special purposes (rehabilitation, education, migratory game bird propagation, and salvage), take of depredating birds, taxidermy, and waterfowl sale and disposal. The regulations governing migratory bird permits can be found in 50 CFR part 13 General Permit Procedures and 50 CFR part 21 Migratory Bird Permits.

3.0 METHODS

3.1 Literature Review

The following resources were reviewed to determine the special-status species that have been documented within or in the vicinity of the Project or that otherwise have the potential to occur within the Project:

- California Natural Diversity Database (CNDDB) data for the "Happy Camp, California," "Slater Butte, California", and "Montague, California" 7.5-minute quadrangles and their respective surrounding 8 quadrangles (CDFW 2016) (Attachment A)
- USFWS Information for Planning and Conservation Resource Official Species Lists for the Project (USFWS 2016) (Attachment A)

- CNPS Inventory of Rare and Endangered Plants 9-quad search of the “Happy Camp, California,” “Slater Butte, California”, and “Montague, California” 7.5-minute quadrangles (CNPS 2016) (Attachment A)
- Cornell Lab of Ornithology and National Audubon Society eBird data (Sullivan et al. 2009)

3.2 Site Reconnaissance

ECORP biologists Dustin Brown and Clay DeLong conducted site reconnaissance visits of the Project on 29 and 30 November and 1 December 2016. The Project was visually surveyed on foot using a Trimble GPS unit with sub-meter accuracy for navigation and resource mapping purposes, topographic maps, and aerial imagery. Special attention was given to identifying those portions of the Project with the potential to support special-status species and sensitive habitats. During the field surveys, biological communities occurring on-site were characterized and the following biological resource information was collected:

- Plants and animal species directly observed
- Burrows and any other special habitat features
- Vegetation communities according to the classification system presented in the Manual of California Vegetation 2nd Edition (Sawyer et. al. 2009), where applicable
- Wetlands and other aquatic features
- Representative Project photographs (Attachment B)

3.3 Special-Status Species Considered for the Project

Based on species occurrence information from the literature review and observations in the field, a list of federal special-status plant and animal species that have the potential to occur within the Project was generated (see Table 3 in Section 4.6). Each of these species’ potential to occur within the Project was assessed based on the following criteria:

- **Present** - Species was observed during the site visit(s) or is known to occur within the Project based on documented occurrences within the CNDDDB or other literature
- **Potential to Occur** - Habitat (including soils and elevation requirements) for the species occurs within the Project
- **Low Potential to Occur** - Marginal or limited amounts of habitat occurs and/or the species is not known to occur within the vicinity of the Project based on CNDDDB records and other available documentation
- **Absent** - No suitable habitat (including soils and elevation requirements) and/or the species is not known to occur within the vicinity of the Project based on CNDDDB records and other documentation

4.0 RESULTS

4.1 Site Characteristics and Land Use

4.1.1 Evans/Tello

The Evans/Tello properties are made up of Siskiyou Assessor Parcels (APNs) 016-010-400, 016-010-460, and 016-531-330. All three parcels are primarily undeveloped with the exception of dirt access roads throughout the properties. Two graded former home sites also occur in the northwestern portion of parcel 016-010-460, but no buildings remain at those sites. Evans/Tello is composed of mostly steep, heavily forested terrain, much of which has been subject to past mining and logging activities. Douglas fir – tanoak forest is the primary vegetation community within the Evans/Tello properties (See Section 4.2). Other vegetation communities and land cover types found within Evans/Tello include ponderosa pine – Douglas fir forest, white leaf manzanita chaparral, and built or disturbed areas (Figure 2a. *Vegetation Alliances and Land Cover Types at Evans/Tello*). Plant species associated with wetlands and riparian areas occur within and immediately adjacent to wetlands and drainages, but are not dominant in large enough contiguous areas to be mapped as vegetation alliances. Two main drainages flow north to south through Evans/Tello. Ranch Gulch, a seasonal creek, occurs in the eastern portion of the site, and an unnamed system of ephemeral drainages occurs in the western portion. Ponds and wetland features also occur in the western portion of the site. See Section 4.4 for a detailed description of potential Waters of the U.S. Evans/Tello is situated at an elevation range of approximately 1,250-1,750 feet above mean sea level (MSL) and is within the Northwestern California region, Klamath Ranges subregion of the California Floristic Province (Baldwin et al. 2012).

4.1.2 Skyline/Hillside

The Skyline/Hillside properties are made up of Siskiyou APNs 016-412-240 and 016-412-340. Both parcels are primarily flat and undeveloped, with the exception of a portion of the shoulder of Hillside Road along the western boundary of APN 016-412-340. The Skyline/Hillside properties are characterized primarily by vegetation communities associated with disturbed sites. These include naturalized annual and perennial grassland and Himalayan blackberry brambles. The westernmost portion of Skyline/Hillside is composed of ponderosa pine – Douglas fir forest, and four small areas of arroyo willow thickets occur scattered throughout the site (Figure 2b. *Vegetation Alliances and Land Cover Types at Skyline/Hillside*). Several shallow depressional wetland features occur along the eastern boundary of the site. Skyline/Hillside is situated at an elevation range of approximately 1,120-1,150 feet above MSL and is within the Northwestern California region, Klamath Ranges subregion of the California Floristic Province (Baldwin et al. 2012).

4.1.3 Oom

The Oom properties are made up of Siskiyou APNs 013-120-420 and 062-151-250. Both parcels are primarily undeveloped with the exception of dirt access roads within the parcels. Oregon white oak woodland is the dominant vegetation community within the Oom properties. Birch leaf mountain mahogany chaparral also covers a significant portion of parcel 013-120-420. Parcel 062-151-250 consists of a dirt road situated in an Oregon white oak woodland (Figure 2c. *Vegetation Alliances and Land Cover Types at Oom*). A narrow seasonal wetland swale occurs in the southwestern corner of parcel 013-120-420. The steep drainage in the eastern portion of this parcel lacks an OHWM, and is

dominated by plant species associated with uplands, including medusahead grass (*Elymus caput-medusae*). Oom is situated at an elevation range of approximately 2,830-2,960 feet above MSL and is within the Cascade Ranges region, High Cascades Range subregion of the California Floristic Province (Baldwin et al. 2012).

4.2 Vegetation Communities and Land Cover Types

Vegetation communities found within the Project include arroyo willow thickets, birch leaf mountain mahogany chaparral, Douglas fir – tanoak forest, Himalayan blackberry brambles, naturalized annual and perennial grassland, Oregon white oak woodland, ponderosa pine – Douglas fir forest, and white leaf manzanita chaparral (Figures 2a, 2b, and 2c). Other land cover types present within the Project include built-up and urban disturbance.

4.2.1 Arroyo Willow Thickets

Arroyo willow thickets within the Project are dominated by a thick, low canopy of arroyo willow (*Salix lasiolepis*), which typically co-occurs with Himalayan blackberry (*Rubus armeniacus*). Arroyo willow thickets occur in depressions and at the toe of slopes at the Skyline/Hillside properties.

4.2.2 Birch Leaf Mountain Mahogany Chaparral

Birch leaf mountain mahogany chaparral within the Project is dominated by a dense shrub canopy consisting primarily of birch leaf mountain mahogany (*Cercocarpus betuloides*). Wedge-leaf ceanothus (*Ceanothus cuneatus*) is codominant in the shrub canopy. Scattered Oregon white oak (*Quercus garryana*) and western juniper (*Juniperus occidentalis*) occur at low cover in this vegetation alliance. Openings within the shrub and tree canopy are dominated by annual and perennial grasses including medusahead grass, bulbous bluegrass (*Poa bulbosa*), cheatgrass (*Bromus tectorum*), and squirrel tail grass (*Elymus elymoides*). Birch leaf mountain mahogany chaparral occurs within the northeastern portion of Oom parcel 013-120-420.

4.2.3 Built-Up and Urban Disturbance

Areas within the Project classified as built-up and urban disturbance include developed areas with homes or other buildings, as well as areas subject to recent disturbance from human activities. An area in the western portion of Skyline/Hillside includes the shoulder of Hillside Road. Evans/Tello parcel 016-010-460 includes two former homesteads which are characterized by large areas of bare ground and a predominance of nonnative plant species including Scotch broom (*Cytisus scoparius*), Himalayan blackberry, spotted knapweed (*Centaurea stoebe*), and chicory (*Cichorium intybus*).

4.2.4 Douglas Fir – Tanoak Forest

Douglas fir – tanoak forest within the Project is dominated by a dense overstory tree canopy consisting primarily of Douglas fir (*Pseudotsuga menziesii*). Tanoak (*Notholithocarpus densiflorus*) is the most common tree species present in this vegetation alliance, forming a dense understory canopy. Other common tree species present include madrone (*Arbutus menziesii*), canyon live oak (*Quercus chrysolepis*), and black oak (*Quercus kelloggii*). The shrub canopy is variable, ranging from open to

dense. Common understory shrubs in this vegetation alliance include white leaf manzanita (*Arctostaphylos viscida*), poison oak (*Toxicodendron diversilobum*), Himalayan blackberry, and beaked hazelnut (*Corylus cornuta*). Douglas fir – tanoak forest occurs throughout Evans/Tello parcels 016-010-460 and 016-010-400.

4.2.5 Himalayan Blackberry Brambles

Himalayan blackberry brambles within the Project are dominated by a dense, low canopy consisting almost entirely of Himalayan blackberry. Arroyo willow and Scotch broom occur at low cover in this vegetation alliance. Himalayan blackberry brambles occur in seasonally moist areas throughout the Skyline/Hillside properties.

4.2.6 Naturalized Annual and Perennial Grassland

Naturalized annual and perennial grasslands within the Project consist primarily of naturalized, nonnative grass species, including medusahead grass and seaside barley (*Hordeum marinum*). Nonnative annual forbs such as white-stemmed filaree (*Erodium moschatum*) and yellow star-thistle (*Centaurea solstitialis*) are also dominant in this vegetation alliance. Naturalized annual and perennial grassland occurs in the southern portion of the Skyline/Hillside properties.

4.2.7 Oregon White Oak Woodland

Oregon white oak woodland within the Project is dominated by an open canopy of Oregon white oak. Western juniper are scattered throughout the canopy at low cover. Wedge-leaf ceanothus, birch-leaf mountain mahogany, and white leaf manzanita are dominant in the shrub layer. Openings within the shrub and tree canopy are dominated by annual and perennial grasses including medusahead grass, bulbous bluegrass, cheatgrass, and squirrel tail grass. Oregon white oak woodland occurs within the majority of both Oom parcels.

4.2.8 Ponderosa Pine – Douglas Fir Forest

Ponderosa pine – Douglas fir forest within the Project is dominated by a mixed overstory tree canopy consisting primarily of ponderosa pine and Douglas fir. Other common tree species present include madrone, black oak, and sugar pine (*Pinus lambertiana*). The shrub canopy is sparse, and primarily consists of poison oak, Himalayan blackberry, and pink honeysuckle (*Lonicera hispidula*). Ponderosa pine – Douglas fir forest occurs within the Skyline/Hillside properties, and Evans/Tello parcels 016-010-460 and 016-010-400.

4.2.9 White Leaf Manzanita Chaparral

White leaf manzanita chaparral within the Project is dominated by a dense shrub canopy consisting primarily of white leaf manzanita. Other woody species occur at low cover, including madrone and Douglas fir. White leaf manzanita chaparral occurs along roadsides and other tree canopy openings within Evans/Tello parcels 016-010-460 and 016-010-400.

4.3 Soils

4.3.1 *Evans/Tello*

According to the *Web Soil Survey* (NRCS 2016), three soil units, or types, have been mapped within Evans/Tello (Figure 3a. *Natural Resources Conservation Service Soil Types at Evans/Tello*). These are: 114 - Clallam, deep-Goldridge, gravelly families association, 30 to 90 percent slopes; 132 - Goldridge, gravelly-Clallam, deep-Prather families association, 30 to 90 percent slopes; and 139 - Holland-Aiken families association, 2 to 15 percent slopes. These soil units are not considered hydric (NRCS 2015).

114 - Clallam, deep-Goldridge, gravelly families association, 30 to 90 percent slopes

This soil map unit is composed of approximately 60 percent Clallam family, deep and similar soils; 20 percent Goldridge family, gravelly, and similar soils; and 20 percent minor components. The soil map unit is on steep to very steep slopes. The Clallam family, deep series consists of well-drained soils that are underlain by lithic bedrock at a depth of approximately 42 inches. The Clallam family, deep reaction is medium acid to slightly acid. The Goldridge family, gravelly series consists of well drained soils that are underlain by lithic bedrock at about 60 inches. The Goldridge family, gravelly reaction is slightly to medium acid.

132 - Goldridge, gravelly-Clallam, deep-Prather families association, 30 to 90 percent slopes

This soil map unit is composed of approximately 50 percent Goldridge family, gravelly, and similar soils; 25 percent Clallam family, deep, and similar soils; 20 percent Prather family and similar soils; and 5 percent minor components. The soil map unit is on steep to very steep slopes. The Goldridge family, gravelly and Clallam family, deep were previously described for Clallam, deep-Goldridge, gravelly families association, 30 to 90 percent slopes. The Prather family consists of well-drained soils with a restrictive layer at a depth of more than 80 inches. The Prather family reaction is slightly acid.

139 - Holland-Aiken families association, 2 to 15 percent slopes

This soil map unit is composed of approximately 50 percent Holland family and similar soils, 35 percent Aiken family and similar soils, and 15 percent minor components. The soil map unit is on gently to strongly sloping slopes. The Holland family consists of well-drained soils that have a restrictive layer at a depth of greater than 80 inches. The reaction is medium acid to strongly acid.

The Aiken family consists of well-drained soils that have a restrictive layer at a depth of greater than 80 inches. The reaction is slightly acid.

4.3.2 *Skyline/Hillside*

According to the *Web Soil Survey* (NRCS 2016), one soil unit, or type, has been mapped within Skyline/Hillside (Figure 3b. *Natural Resources Conservation Service Soil Types at Skyline/Hillside*). The soil unit is 139 - Holland-Aiken families association, 2 to 15 percent slopes; this soil unit is not considered hydric (NRCS 2015). This soil unit was previously described in Section 4.3.1 above.

4.3.3 Oom

According to the *Web Soil Survey* (NRCS 2016), three soil units, or types, have been mapped within Oom (Figure 3c. *Natural Resources Conservation Service Soil Types at Oom*). These are: 148 - Duzel-Jilson-Facey complex, 15 to 50 percent slopes; 155 – Hilt sandy loam, 2 to 15 percent slopes; and 158 - Hilt-Rock outcrop complex, 2 to 50 percent slopes. These soil units are not considered hydric (NRCS 2015).

148 - Duzel-Jilson-Facey Complex, 15 to 50 percent slopes

This soil map unit is composed of approximately 40 percent Duzel and similar soils, 30 percent Jilson and similar soils, 20 percent Facey and similar soils, and 10 percent minor components. The soil map unit is on moderately to very steep slopes. The Duzel series consists of moderately deep, well drained soils that are underlain by paralithic bedrock at 20 to 40 inches. Duzel soils are on hills and mountainous uplands. The texture of the A horizon is sandy loam or loam with 10 to 18 percent clay and is medium acid to neutral. The Jilson series consists of shallow, well drained soils that are underlain by lithic bedrock at 10 to 20 inches. Jilson soils are on mountainous uplands. The texture of the A horizon is gravelly loam with 12 to 18 percent clay; the A horizon is slightly acid to mildly alkaline. The Facey series consists of deep, well drained soils that are underlain by lithic bedrock at 40 to 60 inches. Facey soils are on uplands. The texture of the A horizon is loam with 15 to 20 percent clay and 5 to 15 percent fine gravel. The reaction is slightly acid or neutral.

155 – Hilt Sandy Loam, 2 to 15 percent slopes

This soil map unit is on gently- to strongly-sloping slopes. The Hilt series consists of moderately deep, well-drained soils that are underlain by paralithic bedrock at a depth of 20 to 40 inches. Hilt series soils are on hills and uplands. The Hilt soils are in a transition zone from grassland to mixed coniferous forest. The texture of the A horizon is loam or sandy loam with 10 to 30 percent clay, with a total thickness of 0 to 11 inches. The reaction is medium acid to neutral.

158 - Hilt-Rock outcrop complex, 2 to 50 percent slopes

This soil map unit is composed of approximately 45 percent Hilt and similar soils, 35 percent Rock outcrop, and 20 percent minor components. This soil map unit is on gently sloping to steep slopes. The Hilt series was previously discussed under the Hilt sandy loam, 2 to 14 percent slopes soil map unit.

4.4 Potential Waters of the U.S.

A total of approximately 2.243 acres of potential Waters of the U.S. have been mapped for this preliminary assessment (Table 2 and Figures 4a through 4c. Preliminary Wetlands Assessment at Evans/Tello, Skyline Hillside, and Oom, respectively). These include seasonal wetland, seasonal wetland swale, ditch, ephemeral drainage, perennial pond, and seasonal creek. These features are described in the following sections.

Table 2. Preliminary Assessment of Potential Waters of the U.S.

Type	Evans/Tello ¹	Skyline/ Hillside ¹	Oom ¹	Total Acreage ¹
Wetlands (acres)				
Seasonal Wetland	-	0.061	-	0.061
Seasonal Wetland Swale	1.261	-	-	1.261
Other Waters (acres)				
Ditch	0.009	-	-	0.009
Ephemeral Drainage	0.318	-	0.036	0.354
Perennial Pond	0.266	-	-	0.266
Seasonal Creek	0.292	-	-	0.292
Total:	2.146	0.061	0.036	2.243

¹ Acreage totals are approximate and represent a calculated estimation based on a reconnaissance site visit. Total may not equal the sum of individual acreages due to rounding.

4.4.1 Wetlands

Seasonal Wetland

Seasonal wetlands are ephemerally wet due to accumulation of surface runoff and rainwater within low-lying areas. Inundation periods tend to be relatively short, and these wetlands are commonly dominated by nonnative annual, and sometimes perennial, hydrophytic species. Seasonal wetlands occur scattered throughout Skyline/Hillside. Seasonal wetlands observed within Skyline/Hillside are shallow features primarily dominated by seaside barley and colonial bentgrass (*Agrostis capillaris*).

Seasonal Wetland Swale

Seasonal wetland swales are sloped wetland features that convey stormwater runoff. They typically have hydric soils and support a predominance of hydrophytic vegetation, but lack an OHWM. Seasonal wetland swales are typically inundated for short periods during and immediately after rain events, but usually maintain soil saturation for longer periods during the growing season. Two seasonal wetland swales occur at the Evans/Tello properties. The large seasonal wetland swale in the central portion of Evans/Tello is primarily dominated by Himalayan blackberry, with low cover of white alder (*Alnus rhombifolia*) and bog rush (*Juncus effusus*). The seasonal wetland swale in the southwestern portion of Evans/Tello is heavily dominated by colonial bentgrass, with few scattered ponderosa pines and apple trees (*Malus pumila*) occurring around its margins.

4.4.2 Other Waters

Ditch

Ditches are linear features that are constructed to convey storm water and/or irrigation water. One ditch occurs within the southwestern portion of Evans/Tello parcel 016-010-460. The ditch at Evans/Tello is heavily dominated by Himalayan blackberry.

Ephemeral Drainage

Ephemeral drainages are linear features that exhibit a bed and bank and an OHWM. These features typically convey runoff for short periods of time during and immediately following rain events and are

not influenced by groundwater sources at any time during the year. One ephemeral drainage occurs in the southwestern corner of Oom, and several are scattered throughout the western portion of Evans/Tello. Ephemeral drainages observed during field surveys at Evans/Tello are sparsely vegetated; however, where vegetation is present, ephemeral drainages within Evans/Tello are dominated primarily by Himalayan blackberry. Vegetated portions of the ephemeral drainage at Oom are dominated by grasses, many of which were not identifiable during the field surveys. Grass species identified within this feature include bulbous bluegrass and medusahead grass.

Perennial Pond

Perennial ponds are depressional areas that are permanently inundated and support areas of open water during the growing season. Ponds exhibit an OHWM but may or may not support hydrophytic vegetation and hydric soils. One perennial pond occurs in the southern portion of Evans/Tello. The perennial pond at Evans/Tello is mostly unvegetated due to extended periods of inundation. Vegetated portions of the perennial pond were dominated by arroyo willow.

Seasonal Creek

Seasonal creeks are linear features that exhibit a bed and bank, an OHWM, and flow seasonally. One seasonal creek, Ranch Gulch, occurs in the eastern portion of Evans/Tello. Ranch Gulch is primarily unvegetated with a substrate of coarse sediments which are primarily gravel and sand. Vegetated portions of Ranch Gulch included primarily woody species, including white alder, big leaf maple (*Acer macrophyllum*), vine maple (*Acer circinatum*), and Himalayan blackberry.

4.5 Wildlife

Vegetation communities and habitats within the Project are likely to support a variety of common wildlife species. Birds observed during the field surveys included common raven (*Corvus corax*), acorn woodpecker (*Melanerpes formicivorus*), California scrub-jay (*Aphelocoma californica*), and spotted towhee (*Pipilo maculatus*), among others. Other wildlife species observed within the Project include cottontail (*Lepus sylvaticus*), western gray squirrel (*Sciurus griseus*), and sign (e.g., scat and tracks) of American black bear (*Ursus americanus*) and deer (*Odocoileus hemionus* [unknown subspecies]) (Attachment C provides a list of wildlife observed during the field visits).

4.6 Evaluation of Species Identified in the Literature Search

According to the CNDDDB, there are no previously documented occurrences of special-status species within the Project (CDFW 2016). However, several special-status species occurrences have been documented within the vicinity of the Project (Attachment A). A list of potentially occurring special-status plant and animal species was developed based on the literature search and habitats present within the Project (Table 3. *Species Identified during the Literature Search*). Included in this table are the federal status for each species, a brief habitat description, and a determination regarding the potential to occur within the Project. Following the table is a brief description of each special-status species (as defined in Section 1.2) with potential to occur within the Project.

Table 3. Species Identified during the Literature Search						
Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
Plants						
McDonald's rockcress	<i>Arabis mcdonaldiana</i>	FE	-	Serpentine soils within lower montane coniferous forest and upper montane coniferous forest (443' – 5906'). (CNPS 2016)	May-Jul	Absent – No serpentine soils occur on-site or in immediate vicinity. ^{1,2} Absent – Species does not occur in this region. ³
Applegate's milk-vetch	<i>Astragalus applegatei</i>	FE	-	Strongly alkaline soils in seasonally moist floodplains of the Lower Klamath Basin (approximately 4,100') (USWS 1998, 2009).	Jun - Aug	Absent- No seasonally wet alkali floodplains present on-site, species not known to occur in vicinity. ^{1,2,3}
Hoover's spurge	<i>Euphorbia hooveri</i>	FT	-	Vernal pools (82' – 820'). (CNPS 2016)	Jul - Oct	Absent – No vernal pools present on-site. ^{1,2,3}
Gentner's fritillary	<i>Fritillaria gentneri</i>	FE	-	Chaparral, cismontane woodland, and lower montane coniferous forest, sometimes on serpentinite soils (3,300' – 9,745'). (CNPS 2016)	Apr - May	Potential – Suitable habitat present on-site. ³ Absent – Species does not occur in this region. ^{1,2}
Slender Orcutt grass	<i>Orcuttia tenuis</i>	FT	-	Vernal pools, often with gravelly soils (115' – 5,775'). (CNPS 2016)	May – Oct	Absent – No vernal pools present on-site. ^{1,2,3}
Yreka phlox	<i>Phlox hirsuta</i>	FE	-	Soils derived from serpentinite talus deposits within lower montane coniferous forest and upper montane coniferous forest (2,690' – 4,920'). (CNPS 2016)	Apr - Jun	Low potential – No serpentinite-derived soils have been surveyed within the site, but they occur in the immediate vicinity. ³ Absent – Suitable soils absent. ^{1,2}
Invertebrates						
Conservancy fairy shrimp	<i>Branchinecta conservatio</i>	FE	-	Vernal pools/wetlands	Nov - Apr	Absent – Outside of the known species range. ^{1,2,3}
Vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	-	Vernal pools/wetlands	Nov - Apr	Absent – Suitable habitat absent. ^{1,2,3}
Vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	FE	-	Vernal pools/wetlands	Nov - Apr	Absent – Outside of the known species range. ^{1,2,3}

Table 3. Species Identified during the Literature Search						
Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
Fish						
Lost River sucker	<i>Deltistes luxatus</i>	FE	-	Deep water of lakes or quiet rivers; or gravelly bottoms of heavily vegetated, fast-flowing shallow springs for spawning.	Feb - Apr	Absent – Species does not occur in the lower Klamath below Iron Gate Dam. ^{1,2,3}
Shortnose sucker	<i>Chasmistes brevirostris</i>	FE	-	Deep water of lakes and sometimes streams; spawns in shallow, gravelly and vegetated upstream springs or tributary streams.	Feb - May	Absent – Species does not occur in the lower Klamath below Iron Gate Dam. ^{1,2,3}
Coho salmon – Southern Oregon/Northern California ESU	<i>Oncorhynchus kisutch</i>	FT	-	Anadromous species returning to spawn in larger perennial rivers and streams. Rearing coho salmon prefer clear, deep, cool waters with abundant overhead cover, including spring-influenced tributaries and pools.	Spawn from Oct to Dec and juveniles migrate to the ocean in Apr and May	Absent – Suitable habitat absent ^{1,2,3}
Eulachon – Southern DPS	<i>Thaleichthys pacificus</i>	FT	-	Anadromous species returning to spawn in larger perennial rivers. In the Klamath River the species spawns in the lower 10 miles of the river.	Spawns in the lower Klamath River in Mar and Apr	Absent – Species does not usually occur more than 10-miles upstream from the Pacific Ocean. ^{1,2,3}
Amphibians						
Oregon spotted frog	<i>Rana pretiosa</i>	FT	-	In the extreme northeastern part of California below 4,500 feet, restricted to large marshy areas; also near cool, quiet, permanent water sources; slow streams in meadows, sluggish streams and rivers, marshes, springs, pools, edges of small lakes, and ponds (Thomson, Wright, and Shaffer 2016).	Feb – May	Absent – Few localities for the species have been documented in California and all localities appear to be extirpated (Thomson, Wright, and Shaffer 2016). Closest historical occurrence is approximately 50 miles northeast of Yreka. ^{1,2,3}
Birds						
Western grebe	<i>Aechmophorus occidentalis</i>	-	BCC	Large freshwater lakes, marshes, and open water; coastal and brackish waters during winter.	Feb - Jun	Absent – No large open bodies of water on-site. ^{1,2,3}
Bald eagle	<i>Haliaeetus leucocephalus</i>	FD	BCC	Typically breeds in forested areas near large bodies of water in the northern half of California; they nest in trees and rarely on cliffs usually absent of human disturbance; wintering habitat includes forest and	Feb - Jul	Potential – Habitat present on-site, site occurs within the vicinity of the Klamath River. ^{1,2}

Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
				woodland communities near waterbodies (e.g. rivers, lakes), wetlands, flooded agricultural fields, open grasslands.		Absent – No large bodies of water within the vicinity of the site. ³
Swainson's hawk	<i>Buteo swainsoni</i>	-	BCC	Nesting occurs in trees in agricultural, riparian, oak woodland, scrub, and urban landscapes. Forages over grassland, agricultural lands, particularly during disking/harvesting, irrigated pastures.	Mar - Aug	Low Potential – Marginal nesting and foraging habitat present on-site. ³ Absent – Foraging habitat not present on-site. ^{1,2}
Marbled murrelet	<i>Brachyramphus marmoratus</i>	FT	-	In forested or rocky areas on islands and coastal mainland from Alaska to the Central California Monterey County; nests in coastal forests, sea-facing talus slopes, and cliffs.	Apr - Sep	Low Potential – Marginal habitat present on-site. ¹ Absent – Nesting habitat not present on-site. ^{2,3}
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	FT	BCC	Deciduous riparian woodland, particularly cottonwood-dominated forests in the West.	Jun - Aug	Absent – Nesting habitat not present on-site. ^{1,2,3}
Flammulated owl	<i>Psiloscoops flammeolus</i>	-	BCC	In California, nests in the Cascades, Sierra Nevada, interior coast ranges, Transverse and Peninsular Ranges. Nests in tree cavities within dry montane conifer or aspen forests, often with oak, dense saplings, or other brushy understory.	May - Aug	Low Potential – Marginal habitat present on-site. ¹ Absent – Nesting habitat not present on-site. ^{2,3}
Burrowing owl (burrow sites)	<i>Athene cunicularia</i>	-	BCC	Breeds in burrows or burrow surrogates in open, treeless, areas within grassland, steppe, and desert biomes. Often with other burrowing mammals (e.g., prairie dogs, California ground squirrels). May also use human-made habitat such as agricultural fields, golf courses, cemeteries, roadsides, airports, vacant urban lots, and fairgrounds.	Mar - Aug	Low Potential – Marginal nesting and foraging habitat present on-site. ³ Absent – Nesting habitat not present on-site. ^{1,2}
Northern spotted owl	<i>Strix occidentalis caurina</i>	FT	-	Old growth mature forests, and intermixed young and old forests.	Mar - Jun	Low Potential – Marginal habitat present on-site. ¹ Absent – Nesting habitat not present on-site. ^{2,3}

Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
Short-eared owl	<i>Asio flammeus</i>	-	BCC	Nests in large expanses of prairie, coastal grasslands, heathlands, shrub-steppe, tundra, and agricultural areas.	Mar - Jul	Absent – Nesting habitat not present on-site. ^{1, 2, 3}
Black swift	<i>Cypseloides niger</i>	-	BCC	In California, nests from Cascade-Sierra Nevada region south to Tulare and Mono counties; coastal ranges (Santa Cruz south to San Luis Obispo counties), San Gabriel, San Bernardino, and San Jacinto Mountains. Nests on ledges or shallow caves on steep rock faces, usually behind waterfalls. Winter range, unknown, but thought to be northern and western South America, and West Indies.	May - Sep	Absent – Nesting habitat not present on-site. ^{1, 2, 3}
Rufous hummingbird	<i>Selasphorus rufus</i>	-	BCC	Breeds in extreme northwestern California north into British Columbia and Alaska. Winters in coastal Southern California south into Mexico. Nesting habitat includes secondary succession communities and openings, mature forests, parks and residential areas.	Apr - Jul	Potential – Habitat on-site. ^{1, 2, 3}
Calliope hummingbird	<i>Selasphorus calliope</i>	-	BCC	In California, breeds in Cascade-Sierra Nevada region (3,937' – 11,155'); winters in Mexico; nesting habitat includes shrub-sapling and late shrub-sapling seral stage aspen thickets, often near streams, and open montane forests.	Apr - Aug	Potential – Habitat on-site. ^{1, 2, 3}
Lewis's woodpecker	<i>Melanerpes lewis</i>	-	BCC	In California, breeds in Siskiyou and Modoc counties, Warner Mountains, Sierra Nevada, inner coast ranges from Tehama to San Luis Obispo counties, San Bernardino Mountains, and Big Pine Mountain (Inyo Co.); nesting habitat includes open ponderosa pine forest, open riparian woodland, logged/burned forest, and oak woodlands.	May - Jul	Potential – Habitat on-site. ^{1, 2, 3}

Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
Williamson's sapsucker	<i>Sphyrapicus thyroideus</i>	-	BCC	In California, breeds in the Cascade-Sierra Nevada region; with disjunct breeding populations in San Gabriel, San Bernardino, and San Jacinto Mountains; Siskiyou, Trinity and Warner Mountains; East Warner Mountains, and Sweetwater and Carson Range. Breeding occurs in middle to high elevation conifer and mixed conifer-deciduous forests. Nesting habitat cavities excavated in western larch, Douglas fir, ponderosa pine, montane spruce, and quaking aspen.	May - July	Potential – Habitat on-site. ^{1,2,3}
White-headed woodpecker	<i>Picoides albolarvatus</i>	-	BCC	Montane coniferous forests.	Feb - Jun	Low Potential – Marginal habitat present on-site. ^{1,2} Absent – Nesting habitat not present on-site. ³
American peregrine falcon	<i>Falco peregrinus anatum</i>	FD	BCC	In California, breeds in coastal region, northern California, and Sierra Nevada. Nesting habitat includes cliff ledges and human-made ledges on towers and buildings. Wintering habitat includes areas where there are large concentrations of shorebirds, waterfowl, pigeons or doves.	Feb-Jun	Absent – Nesting habitat not present on-site. ^{1,2,3}
Olive-sided flycatcher	<i>Contopus cooperi</i>	-	BCC	Nests in montane and northern coniferous forests, in forest openings, forest edges, semi-open forest stands. In California, nests in coastal forests, Cascade and Sierra Nevada region. Winters in Central to South America.	May-Aug	Potential – Habitat on-site. ^{1,2,3}
Willow flycatcher	<i>Empidonax traillii</i>	-	BCC	In California, breeding range includes Cascade-Sierra Nevada region (<i>brewsteri</i> subspecies); <i>extimus</i> subspecies found in southern California; nesting habitat includes moist, shrubby riparian willow thickets, often with standing or running	May-Jun	Absent – Nesting habitat not present on-site. ^{1,2,3}

Table 3. Species Identified during the Literature Search						
Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
				water. Winters in Central and South America.		
Loggerhead shrike	<i>Lanius ludovicianus</i>	-	BCC	Found throughout California in open country with short vegetation, pastures, old orchards, grasslands, agricultural areas, and open woodlands. Not found in heavily forested habitats.	Mar-Jul	Potential – Habitat on-site. ³ Absent – Nesting habitat not present on-site. ^{1,2}
Oak titmouse	<i>Baeolophus inornatus</i>	-	BCC	Nests in tree cavities within dry oak or oak-pine woodland and riparian; where oaks are absent, they nest in juniper woodland, open forests (gray, Jeffrey, Coulter, and pinyon pines and Joshua tree).	Mar-Jul	Potential – Habitat on-site. ³ Absent – Nesting habitat not present on-site. ^{1,2}
Brewer's sparrow	<i>Spizella breweri</i>	-	BCC	In California, breeds east of the Cascade-Sierra Nevada crest and in the northern Mojave Desert; nesting habitat includes shrublands dominated by big sagebrush.	May - July	Absent – Site is outside of the breeding range of this species. ^{1,2,3}
Purple finch	<i>Haemorhous purpureus</i>	-	BCC	Moist, cool coniferous forest; mixed deciduous and coniferous forests, forest edges, shrublands, and open fields during winter.	Feb - Jun	Potential – Habitat on-site. ^{1,2,3}
Green-tailed towhee	<i>Pipilo chlorurus</i>	-	BCC	Dense shrublands, scattered or open forests with shrubby understory, or recently disturbed forests with shrubby regrowth.	May - Aug	Potential – Habitat on-site. ^{1,2,3}
Fox sparrow	<i>Passerella iliaca</i>	-	BCC	Megarhyncha group breeds in southwest Oregon south to central Northern California (Del Norte/Siskiyou Cos.) and Sierra Nevada south to Fresno/Inyo Cos. Several subspecies winter throughout California. Wintering habitat includes riparian with thick cover and underbrush, and chaparral with thick, tall vegetation.	Breeding May – Jul wintering Sep - Apr	Potential – Habitat on-site. ^{1,2,3}
Mammals						
Gray wolf	<i>Canis lupus</i>	FE	-	Can occupy any habitat in the northern hemisphere as long as it contains large ungulates such as deer, elk, and moose.	N/A	Low potential – Only known gray wolf pack in California is located in southeast Siskiyou County. Lone wolves may disperse through the

Common Name	Scientific Name	Federal ESA Status	Other Federal Status	Habitat Description	Bloom Period/ Approximate Survey Dates	Potential To Occur On-Site
				Occupied habitat can range from deserts, to grasslands, forests, and arctic tundras.		Project but would likely not establish territories near the Project due to the close proximity to human establishments. ^{1,3} Absent – Suitable habitat absent ²
California wolverine	<i>Gulo gulo</i>	FPT	-	Wide variety of high elevation habitats.	N/A	Low potential – Very few known occurrences in California. Lone wolverines may disperse through the Project but would likely not establish territories near the Project due to the close proximity to human establishments. ^{1,3} Absent – Suitable habitat absent. ²
Fisher	<i>Pekania pennanti</i>	FPT	-	Coniferous forest and mixed coniferous forest with dense canopy closure, large diameter down wood and multiple canopy layers.	N/A	Potential – Suitable habitat present. ¹ Absent – Suitable habitat absent. ^{2,3}

Status Codes

- BCC USFWS Bird of Conservation Concern (USFWS 2008)
- FD Federally Delisted
- FE ESA listed, Endangered.
- FPT Formally Proposed for ESA listing as Threatened.
- FT ESA listed, Threatened.

Potential Occurrence Codes

Present - Species was observed during the site visit or is known to occur within the Project boundary based on documented occurrences within the CNDDDB or other literature.

Potential - Habitat (including soils and elevation requirements) for the species occurs within the Project boundary.

Low Potential - Marginal or limited amounts of habitat occurs and/or the species is not known to occur in the vicinity based on CNDDDB records and other available documentation.

Absent - No suitable habitat (including soils and elevation requirements) and/or the species is not known to occur in the vicinity based on CNDDDB records and other documentation.

¹ Evans/Tello 016-010-460; 016-010-400; 016-531-330

² Skyline/Hillside 016-412-240; 016-412-340

³ Oom 013-120-420; 062-151-250

4.6.1 Plants

Six federally-listed plant species were identified as having the potential to occur within the Project based on the literature review (Table 3). However, upon further analysis and site reconnaissance, four species (McDonald's rockcress [*Arabis mcdonaldiana*], Applegate's milkvetch [*Astragalus applegatei*], Hoover's spurge [*Euphorbia hooveri*], and slender Orcutt grass [*Orcuttia tenuis*]) were determined to be absent from the Project due to the lack of suitable habitat. No further discussion of these species is provided in this analysis. Brief descriptions of the remaining two species that have the potential to occur within the Project are presented below.

Gentner's Fritillary

Gentner's fritillary (*Fritillaria gentneri*) is listed as endangered pursuant to the ESA. This species is a perennial bulbiferous herb that occurs in chaparral, cismontane woodland, and lower montane coniferous forest and sometimes is found on serpentinite soils (CNPS 2016). Gentner's fritillary blooms from April to May and is known to occur at elevations ranging from 3,300 to 9,745 feet above MSL (CNPS 2016). The current range of this species in California includes only Siskiyou County (CNPS 2016).

Gentner's fritillary has potential to occur within the Oom properties in Yreka. Gentner's fritillary has not been documented within ten miles of Yreka in the CNDDDB (CDFW 2016). The woodlands and chaparral habitat at the Oom properties in Yreka provide suitable habitat for this species.

Yreka Phlox

Yreka phlox (*Phlox hirsuta*) is listed as endangered pursuant to the ESA. This species is a perennial herb that occurs in lower montane coniferous forest and upper montane coniferous forest on serpentinite talus soils (CNPS 2016). Occurrences of this species in the vicinity of Yreka also include open woodland and grassland habitats (CDFW 2016). Yreka phlox blooms from April to June and is known to occur at elevations ranging from 2,690 to 4,920 feet above MSL (CNPS 2016). The current range of this species in California includes only Siskiyou County (CNPS 2016).

Yreka phlox has potential to occur within the Oom properties in Yreka. Yreka phlox has been documented within 2 to 3 miles of the Oom properties (CDFW 2016 Pers. comm.). Although no serpentinite-derived soils have been surveyed within the site, they occur in the immediate vicinity. The Oom properties provide marginal potential habitat for this species.

4.6.2 Invertebrates

Three federally-listed invertebrate species were identified as having the potential to occur within the Project based on the literature review (Table 3). However, upon further analysis and site reconnaissance, all species (Conservancy fairy shrimp [*Branchinecta conservatio*], vernal pool fairy shrimp [*Branchinecta lynchi*], and vernal pool tadpole shrimp [*Lepidurus packardii*]) were determined to be absent from the Project due to the lack of suitable habitat. No further discussion of these species is provided in this analysis.

4.6.3 Fish

Four federally-listed fish species were identified as having the potential to occur within the Project based on the literature review (Table 3). However, upon further analysis and site reconnaissance, all four species (Lost River sucker [*Deltistes luxatus*], Shortnose sucker [*Chasmistes brevirostris*], Coho salmon – Southern Oregon/Northern California ESU [*Oncorhynchus kisutch*], and Eulachon [*Thaleichthys pacificus*]) were determined to be absent from the Project due to the lack of suitable habitat. No further discussion of these species is provided in this analysis.

4.6.4 Amphibians

One federally-listed amphibian species was identified as having the potential to occur within the Project based on the literature review (Table 3). However, upon further analysis and site reconnaissance, this species (Oregon spotted frog [*Rana pretiosa*]) was determined to be absent from the Project due to the lack of suitable habitat. No further discussion of this species is provided in this analysis.

4.6.5 Reptiles

No federally-listed reptile species were identified as having the potential to occur within the Project based on the literature review (Table 3).

4.6.6 Birds

Twenty-four federally-listed bird species were identified as having the potential to occur within the Project based on the literature review (Table 3). However, upon further analysis and site reconnaissance, seven species (western grebe [*Aechmophorus occidentalis*], yellow-billed cuckoo [*Coccyzus americanus*], short-eared owl [*Asio flammeus*], black swift [*Cypseloides niger*], American peregrine falcon [*Falco peregrinus anatum*], willow flycatcher [*Empidonax traillii*], and Brewer's sparrow [*Spizella breweri*]) were determined to be absent from the Project due to the lack of suitable habitat. No further discussion of these species is provided in this analysis. A brief description of the remaining species that have the potential to occur within the Project is presented below.

Bald Eagle

The bald eagle (*Haliaeetus leucocephalus*) has been delisted under the ESA, but is protected pursuant to the federal Bald and Golden Eagle Protection Act. It is also considered a USFWS BCC. Bald eagles breed at lower elevations in the northern Sierra Nevada and North Coast ranges. It needs large lakes or rivers with abundant fish prey and large trees in the vicinity for nesting (Zeiner et al. 1990a), usually in ponderosa pine woodland or mixed coniferous forests. Breeding activity occurs during late-February through September, with peaks in activity from March to June.

The bald eagle has potential to occur within the Evans/Tello and Skyline/Hillside properties in Happy Camp. Bald eagle has been documented within 2.4 miles of the Evans/Tello and the Skyline/Hillside properties in the CNDDDB (CDFW 2016). Large trees within the Evans/Tello and Skyline/Hillside properties provide suitable nesting habitat for this species.

Swainson's Hawk

The Swainson's hawk (*Buteo swainsoni*) is not listed pursuant to the ESA, but is considered a USFWS BCC. This species nests in North America (Canada, western United States, and Mexico) and typically winters from South America north to Mexico. However, a small population has been observed wintering in the Sacramento/San Joaquin River Delta (Bechard et al. 2010). In California, the nesting season for Swainson's hawk ranges from mid-March to late August.

Swainson's hawks nest within tall trees in a variety of wooded communities including riparian, oak woodland, roadside landscape corridors, urban areas, and agricultural areas, among others. Foraging habitat includes open grassland, savannah, low-cover row crop fields, and livestock pastures. In the Central Valley, Swainson's hawks typically feed on a combination of California vole (*Microtus californicus*), California ground squirrel (*Spermophilus beecheyi*), ring-necked pheasant (*Phasianus colchicus*), many passerine birds, and grasshoppers (*Melanoplus* species). Swainson's hawks are opportunistic foragers and will readily forage in association with agricultural mowing, harvesting, disking, and irrigating (Estep 1989). The removal of vegetative cover by such farming activities results in more readily available prey items for this species.

Swainson's hawk has potential to occur within the Oom property in Yreka and has been documented within 8.5 miles of the Oom properties in the CNDDDB (CDFW 2016). The oak woodland and chaparral habitats at the Oom properties provide marginal nesting and foraging habitat for this species.

Marbled Murrelet

The marbled murrelet (*Brachyramphus marmoratus*) is currently listed under the ESA. Marbled murrelet breed from the Aleutian archipelago south along the eastern Pacific coast into British Columbia, Washington, Oregon, to Santa Cruz County, California; there are a few scattered summer and fall records south of Santa Cruz (Nelson 1997). Nesting habitat includes trees and, rarely, the ground within coastal forests and sea-facing talus slopes or cliffs (Nelson 1997). Tree nests have occurred in old-growth conifer forests and mature conifer forests with old-growth components or large branch platforms created by natural growth, disease, damage, or mistletoe (Nelson 1997). Nest site elevations range from sea level to 3,609 feet (Nelson 1997). During the breeding season, marbled murrelet forage along nearshore and protected coastal waters, where they feed upon small schooling fish, including Pacific sand lance, northern anchovy, Pacific herring, capelin, surf smelt, and viviparous seaperch (Nelson 1997). Breeding season starts with egg-laying in March through October when the last nestlings fledge. During the nonbreeding season, they are found in similar coastal waters close to shore, but may be found farther offshore.

Marbled murrelet has potential to occur within the Evans/Tello properties in Happy Camp. Marbled murrelet has not been documented within 10 miles of Happy Camp in the CNDDDB (CDFW 2016). The conifer forest at the Evans/Tello properties provides marginal nesting habitat for this species.

Flammulated Owl

The flammulated owl (*Psilosops flammeolus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. This small owl (to 17 cm in height) is a resident of coniferous forests at elevations from

6,000 to 10,000 feet MSL, mainly in ponderosa pine and Jeffrey pine (*P. jeffreyi*) forests of low to moderate canopy density (McCallum 1994). Flammulated owls are secondary cavity nesters, using woodpecker holes in aspen (*Populus tremuloides*), oak (*Quercus sp.*) or pines trees or snags (Zeiner et al. 1990a). Wintering occurs in Mexico and Central America, migration north occurs in April. Breeding occurs in May to August, during which two to five eggs are laid. Single clutches are the norm, but occasionally double-clutching occurs (Zeiner et al. 1990a).

Flammulated owl has potential to occur within the Evans/Tello properties in Happy Camp, but has not been documented within 10 miles of Happy Camp in the CNDDDB (CDFW 2016). The conifer forest at the Evans/Tello properties provides marginal nesting habitat for this species.

Burrowing Owl

The burrowing owl (*Athene cunicularia*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Burrowing owls inhabit dry open rolling hills, grasslands, desert floors, and open bare ground with gullies and arroyos. They can also inhabit developed areas such as golf courses, cemeteries, roadsides within cities, airports, vacant lots in residential areas, school campuses, and fairgrounds (Haug et al. 1993). This species typically uses burrows created by fossorial mammals, most notably the California ground squirrel, but may also use manmade structures such as cement culverts or pipes; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement (CDFG 2012). The breeding season typically occurs between 1 February and 31 August (California Burrowing Owl Consortium [CBOC] 1993; CDFG 2012).

Burrowing owl has potential to occur within the Oom properties in Yreka. Burrowing owl has not been documented within 10 miles of Yreka in the CNDDDB (CDFW 2016). Openings in the oak woodland and chaparral at the Oom properties provide marginal habitat for this species.

Northern Spotted Owl

The northern spotted owl (NSOW, *Strix occidentalis caurina*) is federally listed as threatened pursuant to the ESA. The NSOW is the largest of three subspecies of spotted owl, and are distributed from western British Columbia south to the coastal mountains, the Cascade Range of Washington, Oregon and northern California, and the coastal ranges of California south to Marin County (Gutiérrez et al. 1995). They are nonmigratory, but seasonal shifts between winter and summer home ranges have been observed (Gutiérrez et al. 1995). NSOW nesting habitat includes old growth forests with dense, multilayered, older portions of forest with high canopy closure (Gutiérrez et al. 1995). They do not build their own nests but depend on natural nest sites and nests built by other animals, such as broken-top trees, cavities, abandoned raptor or squirrel nests, mistletoe brooms, or debris accumulations (Gutiérrez et al. 1995). Nesting occurs during March through June.

Northern spotted owl has potential to occur within the Evans/Tello properties in Happy Camp. Northern spotted owl has been documented within 1.4 miles of the Evans/Tello properties in the CNDDDB (CDFW 2016). Conifer forest at the Evans/Tello properties provide marginal nesting habitat for this species.

Rufous Hummingbird

The rufous hummingbird (*Selasphorus rufus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Rufous hummingbirds breed from coastal southeastern Alaska south British Columbia and Alberta, Canada, Washington, Idaho, Montana, Oregon and northern California (Healy and Calder 2006). In California, breeding status and distribution is uncertain due to its close resemblance to Allen's hummingbird (*Selasphorus sasin*) (Small 1994), but may breed the northwestern coastal areas, east into the foothills and mid-level slopes of northern and east-central Sierras (Healy and Calder 2006). Nesting habitat includes secondary succession communities and openings, mature forests, parks, and residential areas (Healy and Calder 2006). Nesting occurs during April through July.

Rufous hummingbird has potential to occur within suitable habitat Project-wide. Rufous hummingbird is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

Calliope Hummingbird

The calliope hummingbird (*Selasphorus calliope*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Calliope hummingbirds breed in North America west of the Rockies from British Columbia and Alberta, Canada south through Mexico. In Northern California, the breeding range includes the interior portions of the Klamath Mountains and the inner Coast Range to northeastern Mendocino and northwestern Glenn Counties, south through the Sierra-Cascade axis to southern Tulare County, and in the Warner Mountains (Small 1994). Nesting habitat includes shrub-sapling seral stage of reforestation, in aspen thickets along streams, and open montane forests (Calder and Calder 1994). Nesting occurs during May through August. Calliope hummingbirds winter from Sinaloa and Durango, Mexico south to Oaxaca (Calder and Calder 1994).

Calliope hummingbird has potential to occur within suitable habitat Project-wide. Calliope hummingbird is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

Lewis's Woodpecker

The Lewis's woodpecker (*Melanerpes lewis*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Lewis's woodpeckers nest in existing tree cavities, rarely newly excavated, within ponderosa pine forests, open riparian woodland dominated by cottonwood, logged or burned pine forests, oak woodlands, orchards, pinyon pine-juniper woodland, a variety of pine and fir forests, and agricultural farm and ranchland (Vierling et al. 2013). Nesting occurs from April through September.

Lewis's woodpecker has potential to occur within suitable habitat Project-wide. Lewis's woodpecker has not been documented within 10 miles of Happy Camp or Yreka in the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

Williamson's Sapsucker

The Williamson's sapsucker (*Sphyrapicus thyroideus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. In California, Williamson's sapsucker breeding range include Sierra Nevada-Cascade range from Greenhorn Mountains to the Oregon Border, isolated breeding populations are located in Siskiyou, Trinity and the Warner Mountains (Small 1994). The nest in middle to high elevation conifer and mixed conifer-deciduous forests (Gyug et al. 2012). They nest in tree cavities of western larch, ponderosa pine, Jeffrey pine, Sierra-Cascade lodgepole pine, Douglas-fir, spruce, grand fir, white fir, red fir, trembling aspen, water birch, black cottonwood, and occasionally, utility poles (Gyug et al. 2012). Nesting occurs during May through July.

Williamson's sapsucker has potential to occur within suitable habitat Project-wide. Williamson's sapsucker is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

White-headed Woodpecker

The white-headed woodpecker (*Picoides albolarvatus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. White-headed woodpeckers require montane coniferous forests and are found from British Columbia to San Diego County, in southern California (Garrett et al. 1996). These woodpeckers nest in tree cavities primarily within large-diameter conifers in mixed coniferous forests of ponderosa and sugar pines, white and red fir, Douglas-fir, and black oak (Garrett et al. 1996). Breeding occurs during April through August.

White-headed woodpecker has potential to occur within the Evans/Tello and Skyline/Hillside properties in Happy Camp. White-headed woodpecker is not tracked by the CNDDDB (CDFW 2016). The conifers at the Evans/Tello and Skyline/Hillside properties provide potential nesting habitat for this species.

Olive-sided Flycatcher

The olive-sided flycatcher (*Contopus cooperi*) is not listed pursuant to the ESA, but is considered a USFWS BCC. This species breeds in late-successional coniferous forests including Ponderosa pine woodlands, black oak woodlands, mixed coniferous forests, and Jeffrey pine forests, usually at mid to high elevations (Widdowson 2008). They use edges and clearings surrounding dense forests, foraging primarily on bees and wasps. Cup nests are placed on outer edges of branches, with an average of three eggs laid per clutch (Ehrlich et al. 1988). Nesting occurs during May through August.

Olive-sided flycatcher has potential to occur within suitable habitat Project-wide. Olive-sided flycatcher is not tracked by the CNDDDB (CDFW 2016). Woodland and forest habitats at the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

Loggerhead Shrike

The loggerhead shrike (*Lanius ludovicianus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Loggerhead shrikes nest throughout California except the northwestern corner, montane forests, and high deserts (Small 1994). Loggerhead shrikes nest in small trees and shrubs in open

country with short vegetation such as pastures, old orchards, mowed roadsides, cemeteries, golf courses, agricultural fields, riparian areas, and open woodlands (Yosef 1996). The nesting season extends from March through July.

Loggerhead shrike has potential to occur within the Oom properties in Yreka. Loggerhead shrike has not been documented within 10 miles of Yreka in the CNDDDB (CDFW 2016). The chaparral habitat at the Oom properties provides marginal potential nesting habitat for this species.

Oak Titmouse

Oak titmouse (*Baeolophus inornatus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. Oak titmouse are distributed throughout California, excluding the humid northwestern corner, the Great Basin region in the northeastern corner, and the deserts (Cicero 2000). They are found in arboreal vegetation communities that are dominated by oak (*Quercus* species) trees, but may also occur in coniferous and other woodland habitats (Cicero 2000). Nesting occurs during March through July.

Oak titmouse has potential to occur within the Oom properties in Yreka. Oak titmouse has not been documented within 10 miles of Yreka in the CNDDDB (CDFW 2016). The oak woodland habitat at the Oom properties provides potential nesting habitat for this species.

Purple Finch

The purple finch (*Haemorhous purpureus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. In California, purple finch breeding range includes Klamath Mountains south along Coast Range into San Bernardino County, along the western slopes of the Cascade-Sierra Nevada axis from Shasta County south to Kern County (Wootton 1996). Purple finches nest in moist cool coniferous forests, mixed coniferous-deciduous forest, edges of bogs, riparian corridors, and to a lesser deciduous forests, orchards, ornamental plantations, pastures and lawns with scattered conifers, shrubs, hedgerows and developed areas (Wootton 1996). Nesting occurs from April through September.

Purple finch has potential to occur within suitable habitat Project-wide. Purple finch is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

Green-tailed Towhee

The green-tailed towhee (*Pipilo chlorurus*) is not listed pursuant to the ESA, but is considered a USFWS BCC. In Northern California, green-tailed towhees are found in the Siskiyou Mountains south through Humboldt County to Lake County, eastward around the northern rim of the Sacramento Valley, and south through Cascades-Sierra Nevada to the Greenhorn Mountains, Warner Mountains and into the Great Basin (Dobbs et al. 2012). Nesting habitat includes dry shrubby hillsides and post-disturbance second growth and can be generally characterized as low brush cover with interspersed trees, but typically avoids forests (Dobbs et al. 2012). Nesting occurs from May through August.

Green-tailed towhee has potential to occur within suitable habitat Project-wide. Green-tailed towhee is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so

the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

Fox Sparrow

The fox sparrow (*Passerella iliaca*) is not listed pursuant to the ESA, but is considered a USFWS BCC. The “large-billed” fox sparrow (*Megarhyncha* group) nests in western Oregon south into coastal northern California, the Siskiyou and Warner Mountains, Sierra Nevada, and mountains of southern California, and western Nevada. Nesting habitat includes montane chaparral and mixed coniferous forest (Weckstein et al. 2002).

Fox sparrow has potential to occur within suitable habitat Project-wide. Fox sparrow is not tracked by the CNDDDB (CDFW 2016). This species can occur in many different habitat types, so the Evans/Tello, Skyline/Hillside, and Oom properties all provide potential nesting habitat for this species.

4.6.7 Mammals

Three federally-listed mammal species were identified as having the potential to occur within the Project based on the literature review (Table 3). Brief descriptions of these species are presented below.

Gray Wolf

The gray wolf (*Canis lupus*) is currently listed as endangered pursuant to the ESA. Wolf packs live within territories which generally include a mosaic of habitats and can vary in size from around 25 square miles to over 1,000 square miles. Wolves are very adaptable and can occupy any habitat in the northern hemisphere, as long as it contains large ungulates. Little correlation to vegetation type has been found, and wolves are known to inhabit deserts, tundra, swamps, forests prairies, and even barren lands at all elevations (Kovacs et al. 2016, Fuller et al. 2003). The gray wolf was historically present in California, but, until recently, was considered extirpated from the state after the last known gray wolf in California was killed in 1924 in Lassen County. In late 2011, a lone dispersing young male gray wolf (identified as OR7 by the Oregon Department of Fish and Wildlife) was confirmed to have entered California from Oregon, and was documented traveling within the southern Cascades, across portions of the Modoc Plateau, in the Lassen and Plumas National Forests, and as far south as Tehama, Shasta, and Butte counties (Kovacs et al. 2016). On several occasions, OR7 traveled between California and Oregon before mating and establishing a territory in Klamath and Jackson counties, Oregon in 2013 (Kovacs et al. 2016). In August 2015, trail camera images documented several individuals in Siskiyou County, California; on 20 August 2015 this group of gray wolves was designated as the “Shasta Pack”. In addition, a pair of gray wolves was confirmed in Lassen County in November 2016 (Kovacs et al. 2016).

Gray wolf has potential to occur within the Evans/Tello and Oom properties in Happy Camp and Yreka. Gray wolf has not been documented within 10 miles of Happy Camp or Yreka in the CNDDDB (CDFW 2016). This species is a habitat generalist and occupies and disperses through virtually any habitat that contains large ungulates. As such, the habitats within the Evans/Tello and Oom properties provide

potential dispersal habitat for this species. It is unlikely that the species would establish a territory in these areas due to the human presence in the area.

California Wolverine

California wolverine (*Gulo gulo*) is formally proposed for ESA listing as threatened. The California wolverine is a scarce resident of California, preferring areas with low human disturbance in the North Coast mountains and Sierra Nevada (Zeiner et al. 1990b). Most sightings in Sierra Nevada have been in mixed conifer, red fir, and lodgepole pine communities. Dens are found in caves, cliffs, hollow logs, cavities in the ground, and under rocks (Zeiner et al. 1990b).

California wolverine has potential to occur within the Evans/Tello and Oom properties in Happy Camp and Yreka. California wolverine has been documented within 6.1 miles of the Evans/Tello property in the CNDDDB (CDFW 2016). The conifer forest habitat within the Evans/Tello and oak woodland habitat at Oom properties provide potential dispersal habitat for this species. It is unlikely that the species would establish a territory in these areas due to the human presence in the area.

Fisher

Pacific fisher (*Pekania pennanti*) is formally proposed for ESA listing as threatened. Pacific fisher is a rare, permanent resident of the Sierra Nevada, Cascade, and Klamath Mountain ranges (Zeiner et al. 1990b). Most sightings occur in intermediate to large-tree coniferous forests and deciduous riparian habitats (Zeiner et al. 1990b). Dens are found in cavities, brush piles, and logs (Zeiner et al. 1990b).

Fisher has potential to occur within the Evans/Tello properties in Happy Camp. Fisher has been documented within 7.5 miles of the Evans/Tello properties in the CNDDDB (CDFW 2016). The conifer forest habitat within the Evans/Tello and Oom properties provide potential dispersal habitat for this species. It is unlikely that the species would establish a territory in these areas due to the human presence in the area.

4.6.8 Wildlife Movement/Corridors

The Evans/Tello properties are largely undeveloped and heavily forested; Ranch Gulch and an unnamed intermittent drainage bisect the properties. Wildlife likely uses both the forested portions of the site as well as the drainages and other wetland features as a means for movement and dispersal. The Oregon white oak woodland at the Oom properties also likely provides opportunities for the movement of wildlife. While these properties are likely used for wildlife movement, they are also surrounded by large amounts of similar habitat through which wildlife could also disperse. Since these properties are surrounded by similar dispersal habitat, these properties are not wildlife 'corridors'.

The Skyline/Hillside properties occur in developed areas and likely provide limited, if any, functionality as a wildlife corridor.

5.0 RECOMMENDATIONS

5.1 Waters of the U.S.

The field surveys identified 2.243 acres of potential Waters of the U.S. within the Project. A formal wetland delineation has not been conducted and the wetlands have not been verified by USACE. If these features are verified as Waters of the U.S. by USACE and if disturbance would occur to Waters of the U.S. within the Project, the following mitigation measures would be recommended to minimize potential impacts to Waters of the U.S.:

- Authorization to fill wetlands under the Section 404 of the federal CWA (Section 404 Permit) must be obtained from USACE prior to discharging any dredged or fill materials into any Waters of the U.S. Mitigation measures will be developed as part of the Section 404 Permit to ensure no-net-loss of wetland function and values. To facilitate such authorization, an application for a Section 404 Permit for the Project will be prepared and submitted to USACE, and will include direct, avoided, and preserved acreages to Waters of the U.S. Mitigation for impacts to Waters of the U.S. typically consists of a minimum of a 1:1 ratio for direct impacts; however final mitigation requirements will be developed in consultation with USACE.
- A Water Quality Certification or waiver pursuant to Section 401 of the CWA must be obtained for Section 404 permit actions; this certification or waiver is issued by the USEPA for tribal lands that are held in trust.

5.2 Special-Status Plants

No federal special-status plants have been documented within the Project; however, there are two federal special-status plants which could potentially occur within the Oom properties. These include Gentner's fritillary and Yreka phlox. The following measures are recommended to minimize potential impacts to special-status plants:

- Perform focused special-status plant surveys of the Oom properties. Surveys will be conducted during the identifiable period for the species and known reference populations will be visited, if available, prior to surveys to confirm the phenological status of the species.
- If no special-status plants are found within the properties, no further measures pertaining to special-status plants are necessary.
- If special-status plant species are found within the properties, avoidance zones may be established, if feasible, around plant populations to clearly demarcate areas for avoidance, and USFWS will be contacted for guidance.

5.3 Special-Status Invertebrates

There are no potentially occurring federal special-status invertebrates for the Project. Therefore, no additional measures are recommended.

5.4 Special-Status Fish

There are no potentially occurring federal special-status fish for the Project and the Project does not occur within EFH. Therefore, no additional measures are recommended.

5.5 Special-Status Amphibians

There are no potentially occurring federal special-status amphibians for the Project. Therefore, no additional measures are recommended.

5.6 Special-Status Reptiles

There are no potentially occurring federal special-status reptiles for the Project. Therefore, no additional measures are recommended.

5.7 Special-Status Birds and MBTA Protected Birds (including Raptors)

Suitable nesting habitat for 17 federal special-status birds is present within the Project. These include: bald eagle, Swainson's hawk, marbled murrelet, flammulated owl, burrowing owl, northern spotted owl, rufous hummingbird, Calliope hummingbird, Lewis's woodpecker, Williamson's sapsucker, white-headed woodpecker, olive-sided flycatcher, loggerhead shrike, oak titmouse, purple finch, green-tailed towhee, and fox sparrow. If present, the Project could result in harassment to nesting individuals and may temporarily disrupt foraging activities.

In addition to the above-listed special-status birds, all native birds, including raptors, are protected under the federal MBTA. As such, to ensure that there would be no impacts to protected active nests, the following mitigation measures would be recommended if construction were to take place:

- Conduct a pre-construction nesting bird survey of all suitable habitats on the project within 14 days prior to the commencement of construction during the nesting season (1 February – 31 August).
- If active nests are found, a no-disturbance buffer around the nests shall be established. The buffer distance shall be established by a qualified biologist in consultation with USFWS. The buffer shall be maintained until the fledglings are capable of flight and become independent of the nest tree, to be determined by a qualified biologist. Once the young are independent of the nest, no further measures are necessary. Pre-construction nesting surveys are not required for construction activities that begin outside of the nesting season.

5.8 Special-Status Mammals

There are three federal special-status mammals which could potentially occur within the Project. These include gray wolf, California wolverine, and fisher. Although these species have the potential to be present within the Evans/Tello and Oom properties, they are unlikely to establish territories within the properties due to the degree of human presence. To ensure that these species are not impacted, the following measure is recommended:

- Conduct a pre-construction clearance survey for den sites within 14 days of the start of construction at the Evans/Tello and Oom properties. If active den sites are located, consult with USFWS to implement appropriate measures (e.g. avoidance or construction monitoring).

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6.1 Personal Communications

Lazar, Kristi, California Department of Fish and Wildlife CNDDDB. Email dated 30 November 2016.

LIST OF FIGURES

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Figure 1b. Project Location and Vicinity for Skyline/Hillside

Figure 1c. Project Location and Vicinity for Oom

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Figure 2b. Vegetation Alliances and Land Cover Types at Skyline/Hillside

Figure 2c. Vegetation Alliances and Land Cover Types at Oom

Figure 3a. Natural Resource Conservation Service Soil Types at Evans/Tello

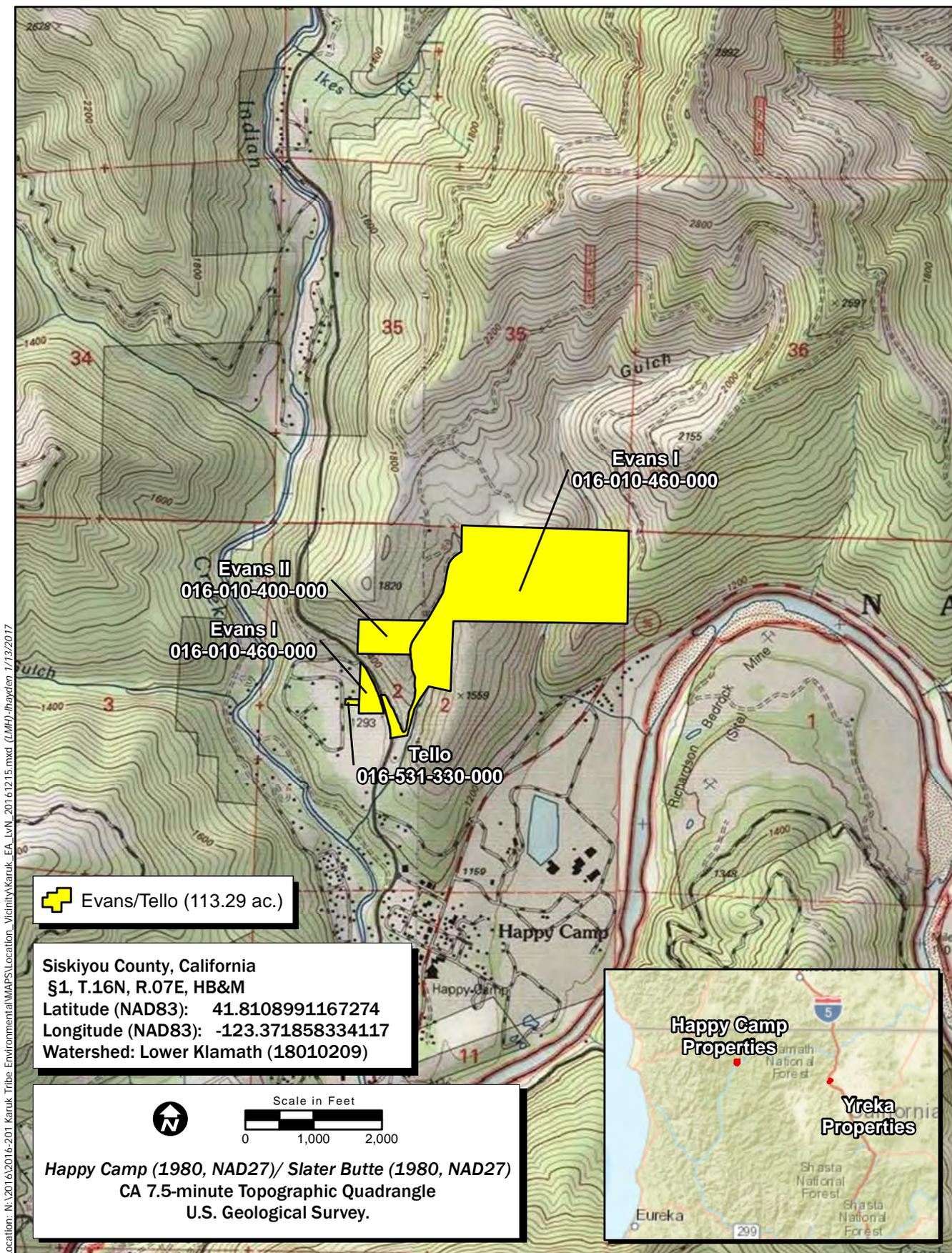
Figure 3b. Natural Resource Conservation Service Soil Types at Skyline/Hillside

Figure 3c. Natural Resource Conservation Service Soil Types at Oom

Figure 4a. Preliminary Wetlands Assessment at Evans/Tello

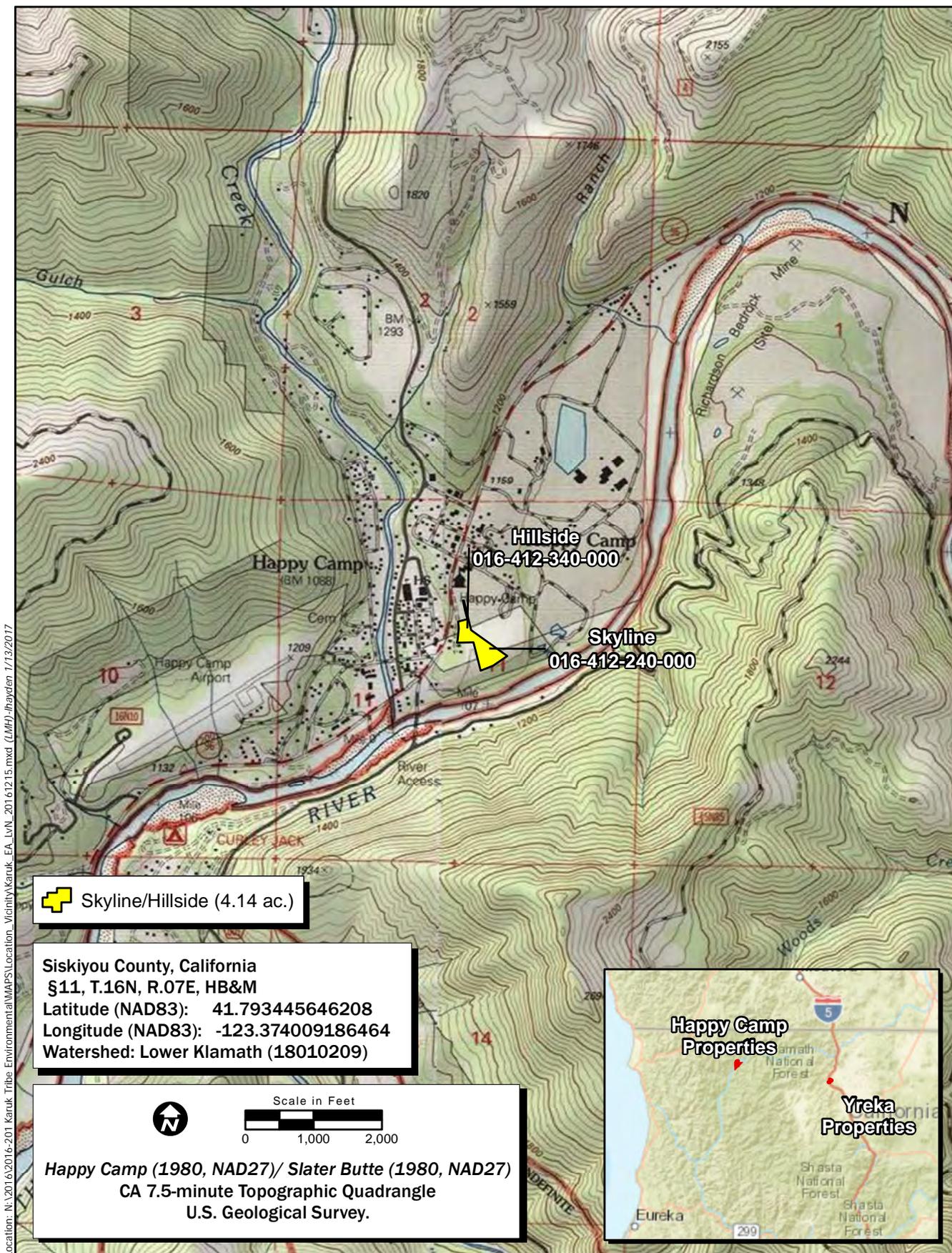
Figure 4b. Preliminary Wetlands Assessment at Skyline/Hillside

Figure 4c. Preliminary Wetlands Assessment at Oom



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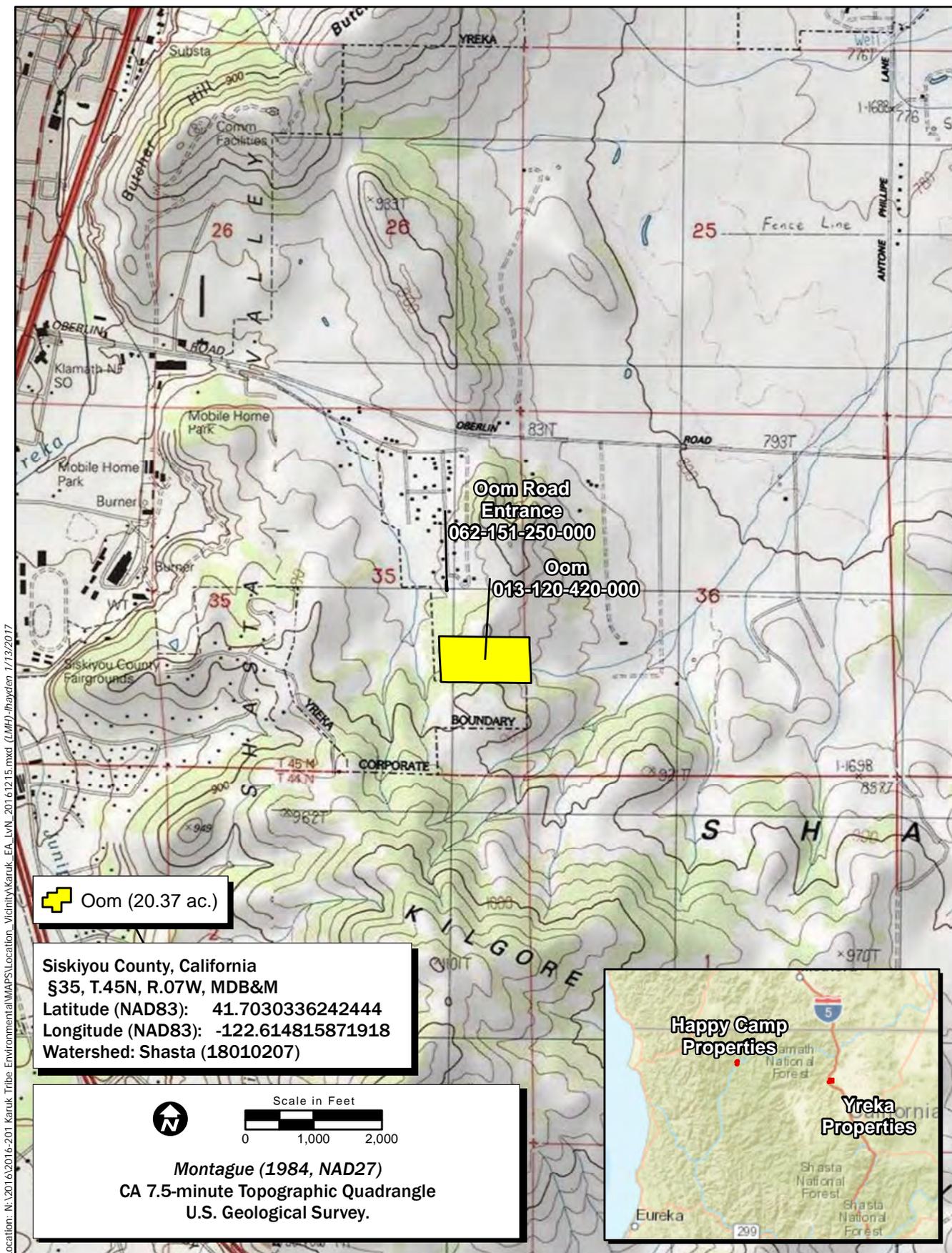
Figure 1a. Project Location and Vicinity for Evans/Tello



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Figure 1b. Project Location and Vicinity for Skyline/Hillside



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Map Date: 1/13/2017
 Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community
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Figure 1c. Project Location and Vicinity for Oom

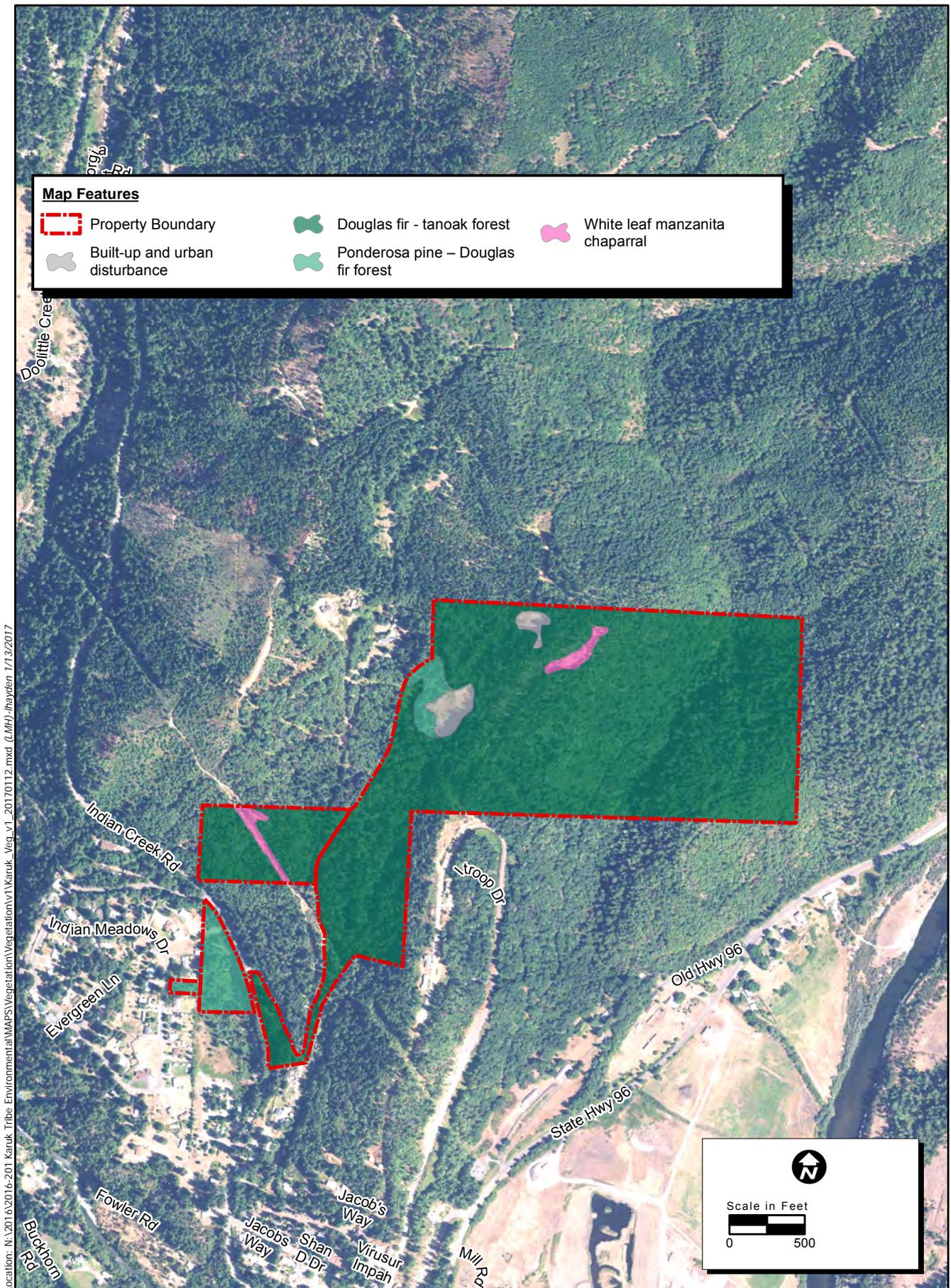
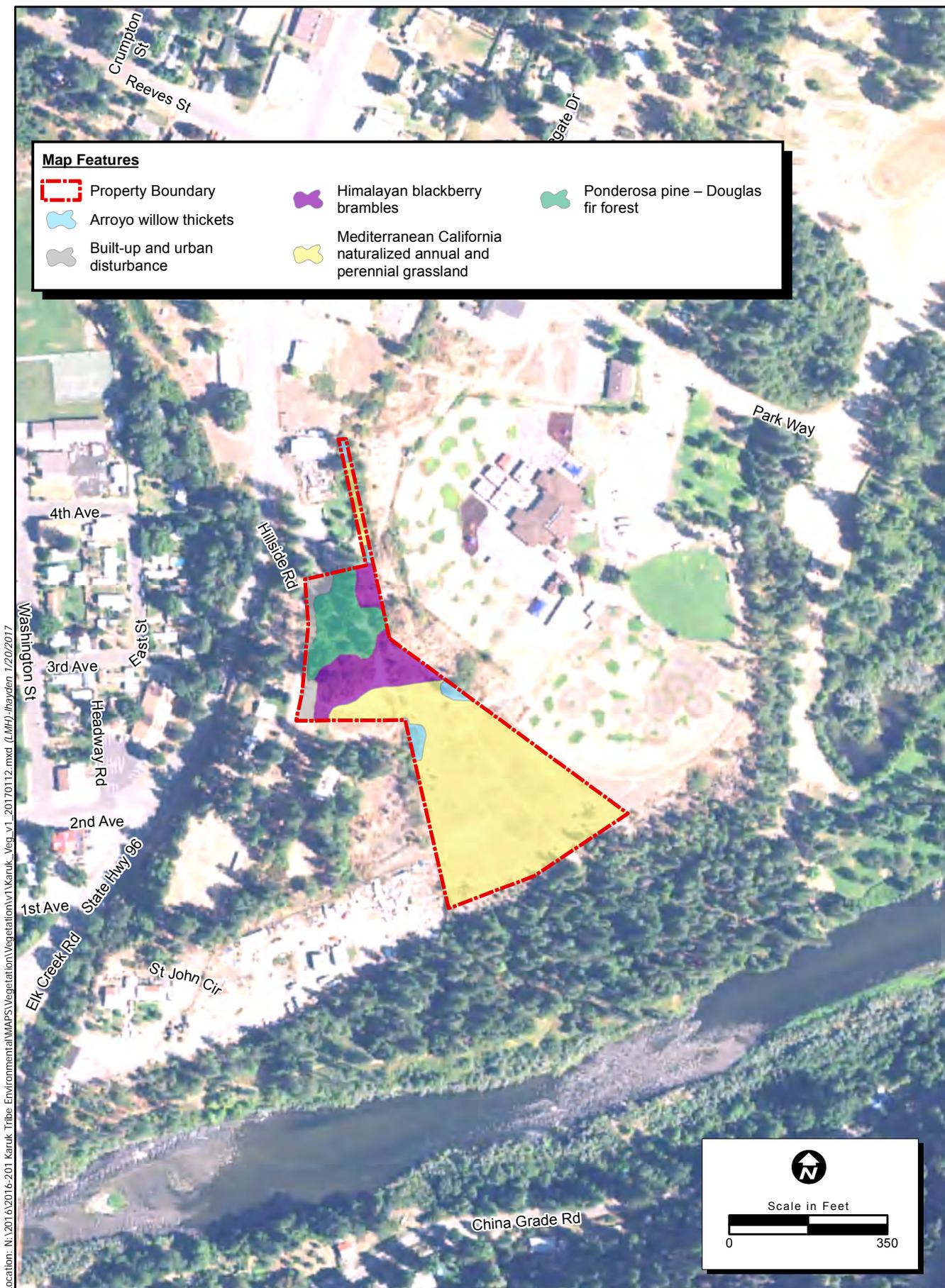


Figure 2a. Vegetation Alliances and Land Cover Types at Evans/Tello



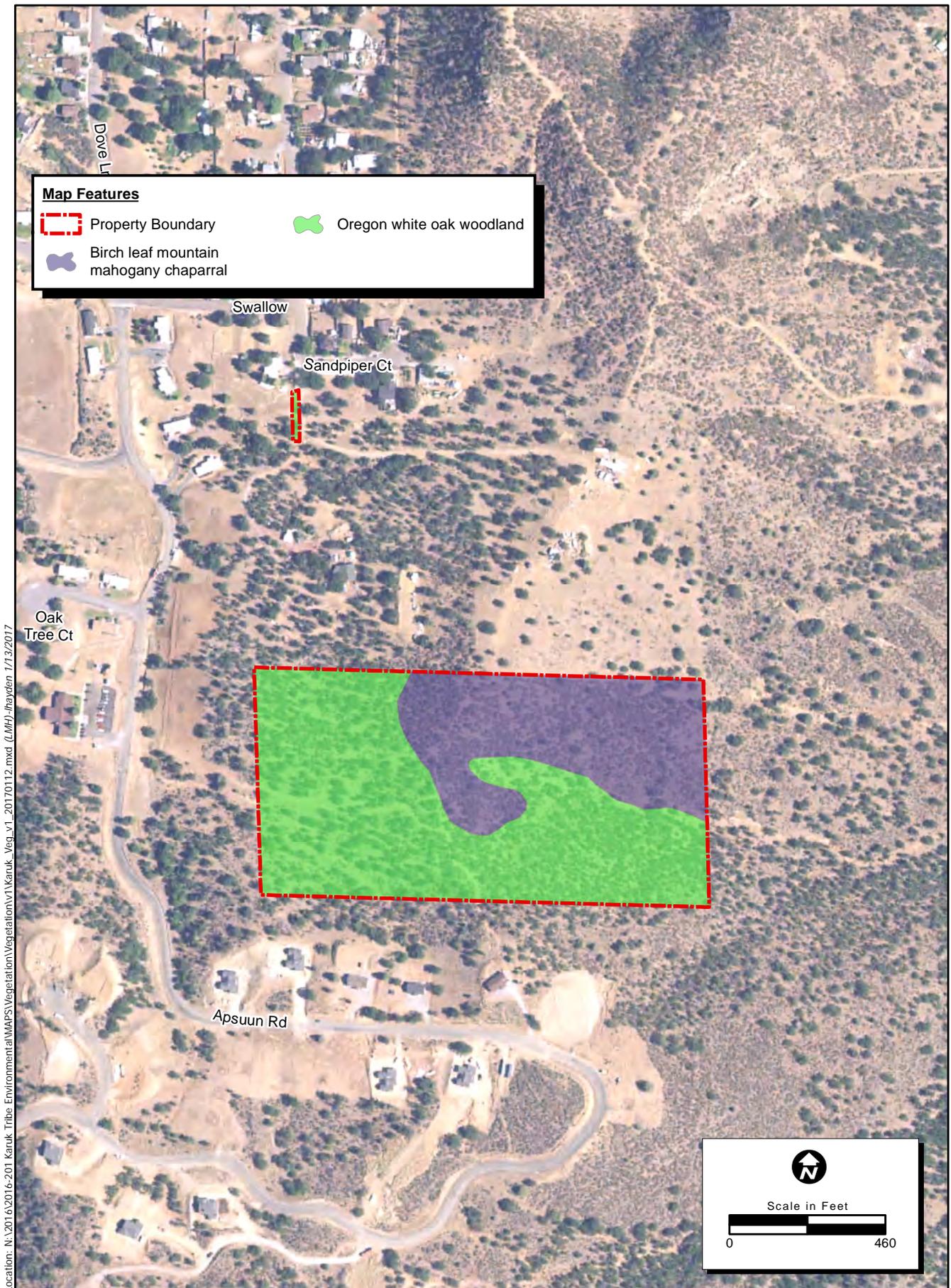
Map Features

	Property Boundary		Himalayan blackberry brambles		Ponderosa pine – Douglas fir forest
	Arroyo willow thickets		Mediterranean California naturalized annual and perennial grassland		
	Built-up and urban disturbance				

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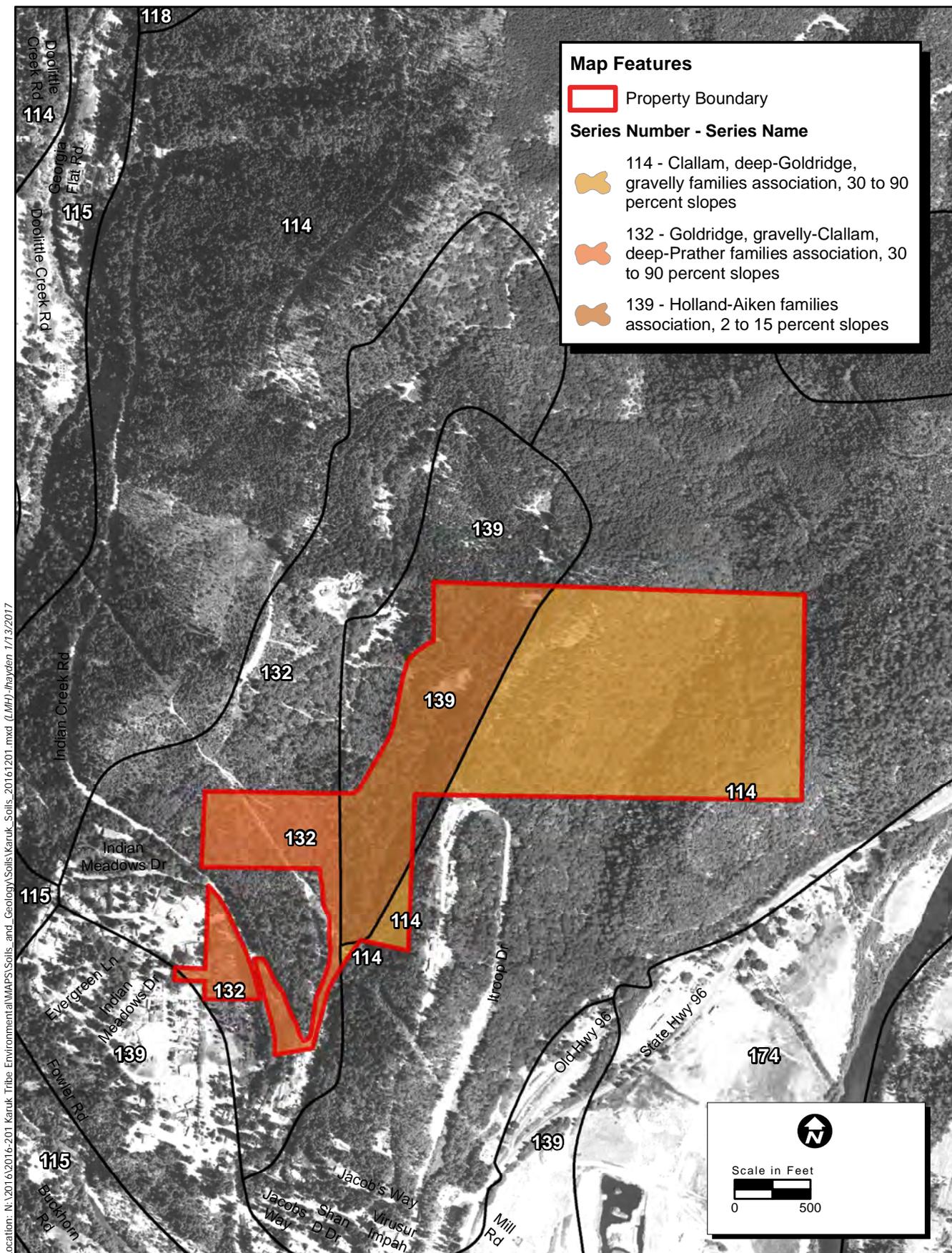
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 Photo Source: NAIP 2016

Figure 2b. Vegetation Alliances and Land Cover Types at Skyline/Hillside



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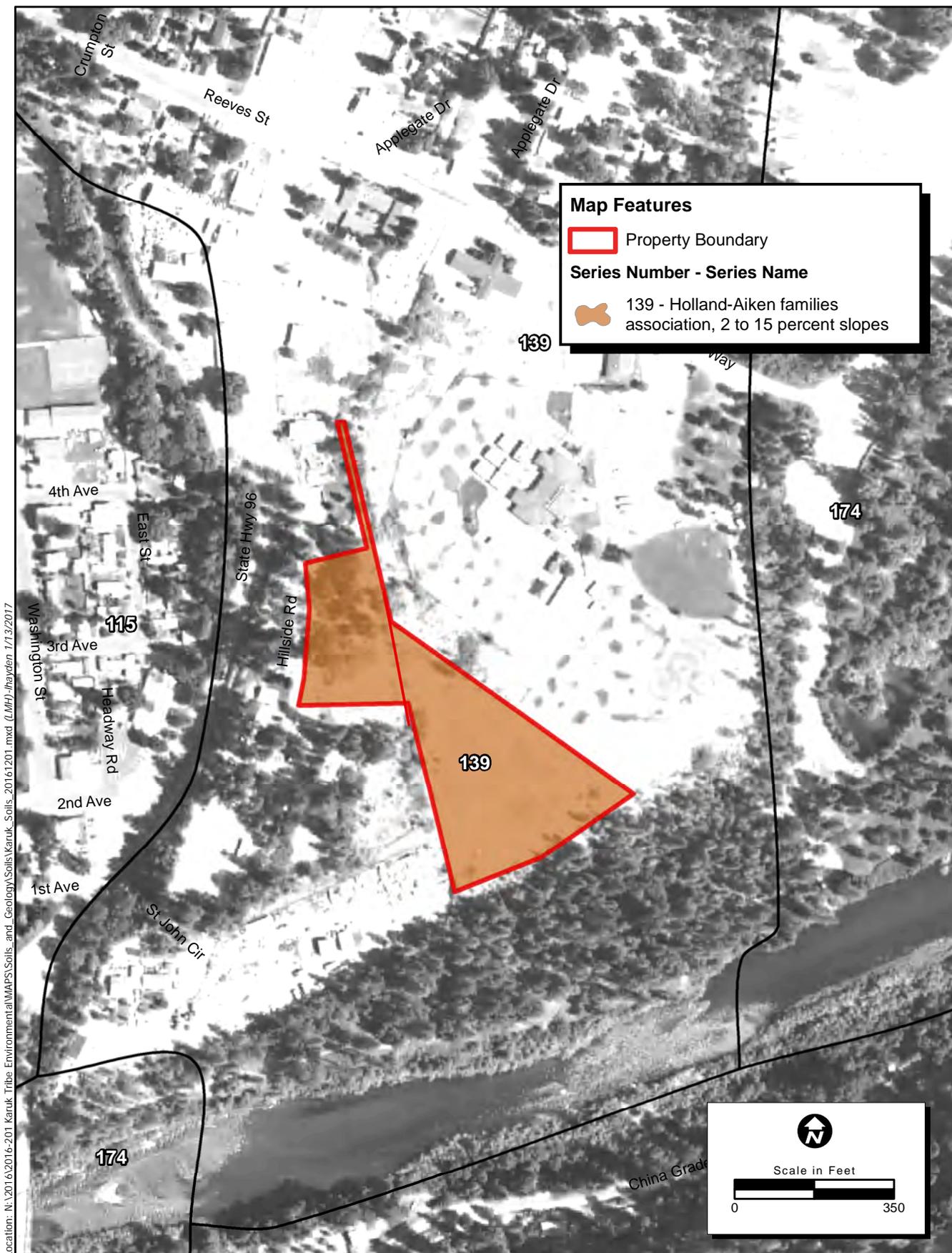
Figure 2c. Vegetation Alliances and Land Cover Types at Oom



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Map Date: 1/13/2017
 Photo Source: NAIP 2016
 Natural Resources Conservation Service (NRCS)
 Soil Survey Geographic (SSURGO) Database for Siskiyou County, CA

Figure 3a. Natural Resources Conservation Service Soil Types at Evans/Tello



Map Features

- Property Boundary

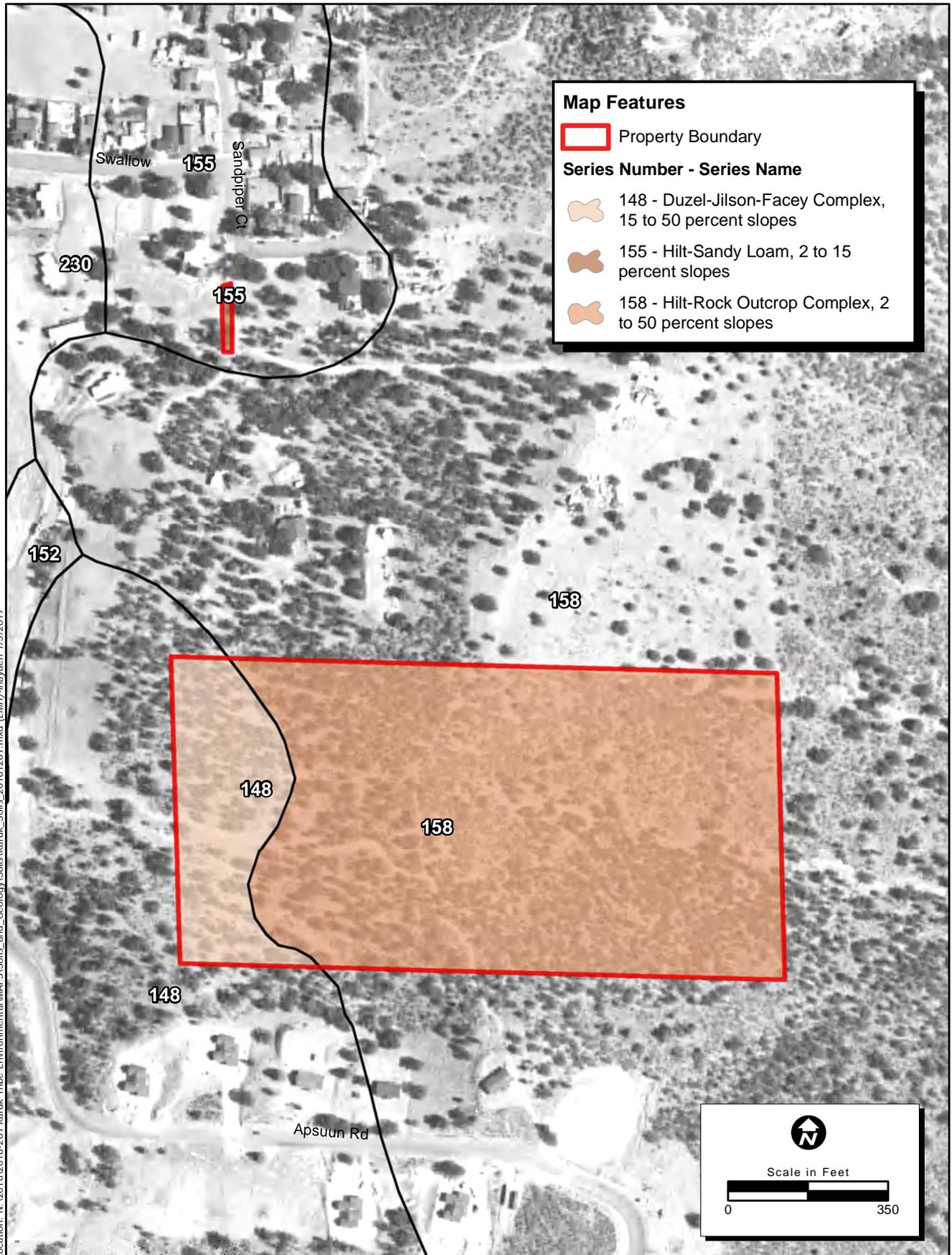
Series Number - Series Name

- 139 - Holland-Aiken families association, 2 to 15 percent slopes

Location: N:\2016\2016-201 Karuk Tribe Environmental\MAPS\Soils_and_Geology\Soils\Karuk_Soils_20161201.mxd (LMP)-jhayden 1/13/2017

Map Date: 1/13/2017
 Photo Source: NAIP 2016
 Natural Resources Conservation Service (NRCS)
 Soil Survey Geographic (SSURGO) Database for Siskiyou County, CA

Figure 3b. Natural Resources Conservation Service Soil Types at Skyline/Hillside

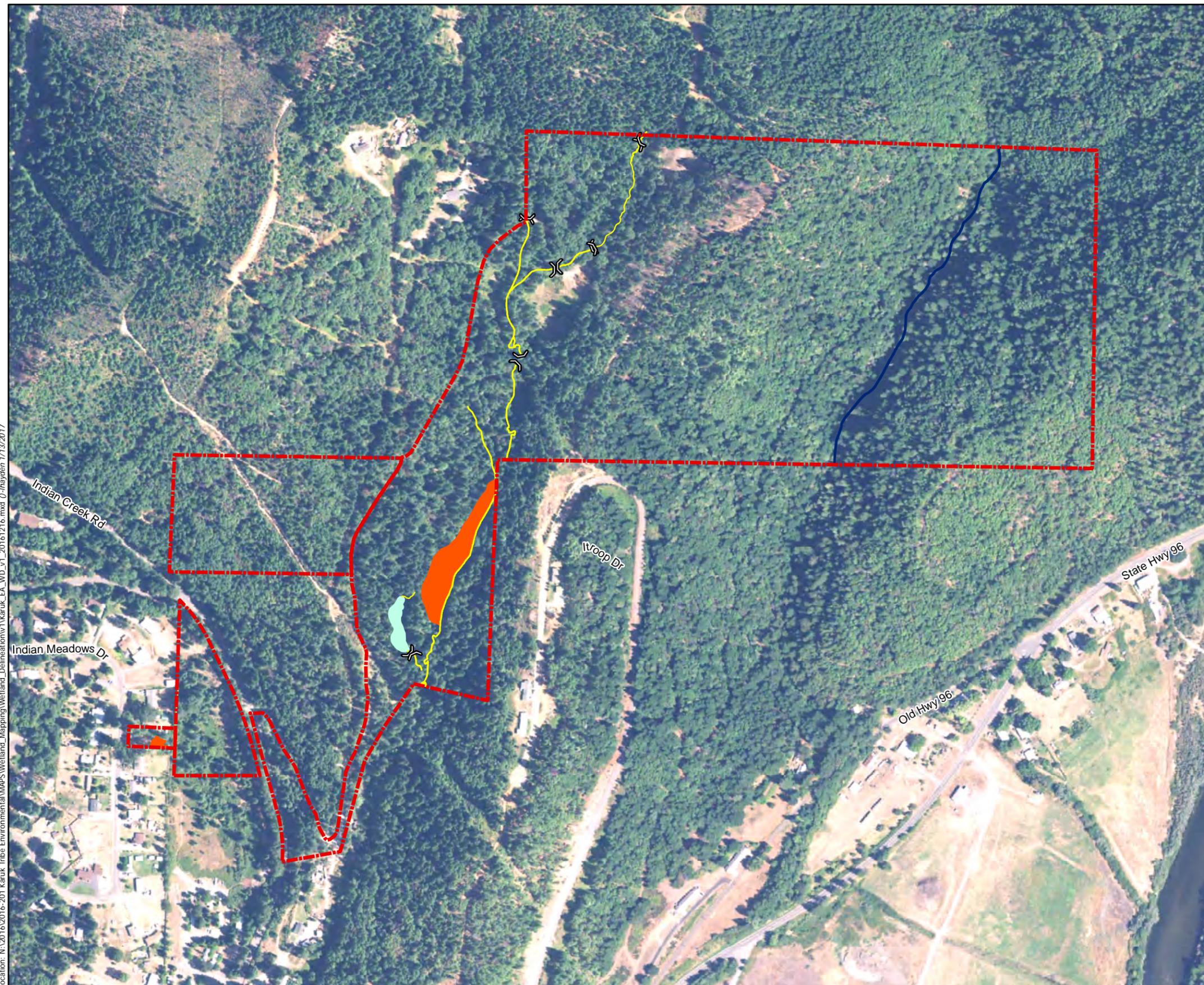


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Map Date: 1/3/2017
 Photo Source: NAIP 2016
 Natural Resources Conservation Service (NRCS)
 Soil Survey Geographic (SSURGO) Database for Siskiyou County, CA

Figure 3c. Natural Resources Conservation Service Soil Types at Oom

Figure 4a. Preliminary Wetlands Assessment at Evans/Tello



Map Features

Property Boundary

Culvert

Wetlands

Seasonal Wetland Swale - 1.261 ac

Other Waters

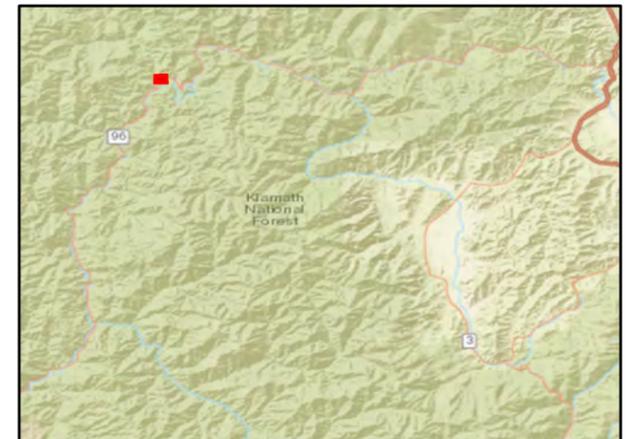
Ditch - 0.009 ac / 197 lin ft

Ephemeral Drainage - 0.318 ac / 3640 lin ft

Perennial Pond - 0.266 ac

Seasonal Creek - 0.292 ac / 1588 lin ft

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2016\2016-201 Karuk Tribe Environmental\MAPS\Wetland_Mapping\Wetland_Delineation\1\karuk_EA_WD_v1_20161216.mxd 0-jhayden 1/13/2017

Figure 4b. Preliminary Wetlands Assessment at Skyline/Hillside



Map Features

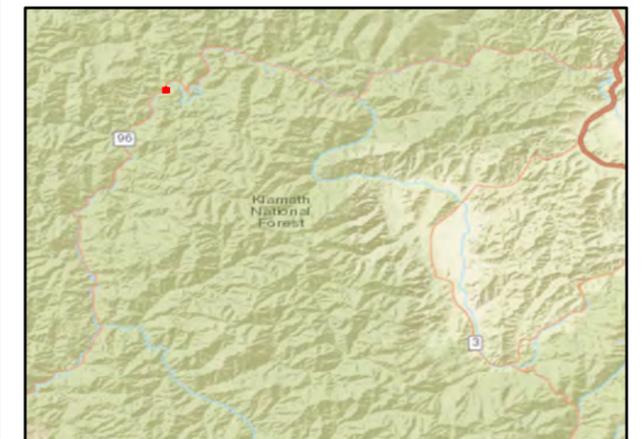
Property Boundary

Culvert

Wetlands

Seasonal Wetland - 0.061 ac

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



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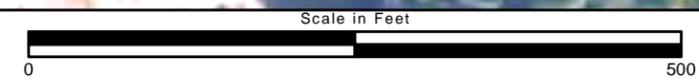




Figure 4c. Preliminary Wetlands Assessment at Oom

Map Features

Property Boundary

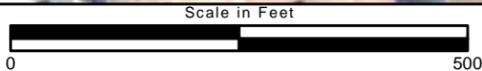
Culvert

Other Waters

Ephemeral Drainage - 0.036 ac / 494 lin ft

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Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



LIST OF ATTACHMENTS

Attachment A – California Natural Diversity Database, U.S. Fish and Wildlife Service, and California Native Plant Society Species Lists

Attachment B – Representative Project Photographs

Attachment C – Wildlife Species Observed within the Project

ATTACHMENT A

California Natural Diversity Database, U.S. Fish and Wildlife Service, and California Native Plant Society Species Lists

Plant List

61 matches found. [Click on scientific name for details](#)

Search Criteria

Found in 9 Quads around 41123G4

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Allium siskiyouense	Siskiyou onion	Alliaceae	perennial bulbiferous herb	4.3	S4	G4
Antennaria suffrutescens	evergreen everlasting	Asteraceae	perennial stoloniferous herb	4.3	S4?	G4
Arabis aculeolata	Waldo rockcress	Brassicaceae	perennial herb	2B.2	S2	G4
Arabis mcdonaldiana	McDonald's rockcress	Brassicaceae	perennial herb	1B.1	S3	G3
Arabis modesta	modest rockcress	Brassicaceae	perennial herb	4.3	S3	G3
Arabis oregana	Oregon rockcress	Brassicaceae	perennial herb	4.3	S3	G3G4Q
Arnica cernua	serpentine arnica	Asteraceae	perennial rhizomatous herb	4.3	S4	G5
Arnica spathulata	Klamath arnica	Asteraceae	perennial rhizomatous herb	4.3	S3	G3?
Arnica viscosa	Mt. Shasta arnica	Asteraceae	perennial rhizomatous herb	4.3	S3	G4
Asarum marmoratum	marbled wild-ginger	Aristolochiaceae	perennial rhizomatous herb	2B.3	S2	G4?
Boechera koehleri	Koehler's stipitate rockcress	Brassicaceae	perennial herb	1B.3	S2S3	G3
Buxbaumia viridis	buxbaumia moss	Buxbaumiaceae	moss	2B.2	S1	G4G5
Callitropsis nootkatensis	Alaska cedar	Cupressaceae	perennial evergreen tree	4.3	S4	G5
Cardamine bellidifolia var. pachyphylla	fleshy toothwort	Brassicaceae	perennial herb	4.3	S3	G5T4
Carex geyeri	Geyer's sedge	Cyperaceae	perennial rhizomatous herb	4.2	S4	G5
Carex scabriuscula	Siskiyou sedge	Cyperaceae	perennial rhizomatous herb	4.3	S4	G5?
Carex serpenticola	serpentine sedge	Cyperaceae	perennial rhizomatous herb	2B.3	S3	G4
Castilleja elata	Siskiyou paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	2B.2	S2S3	G3
Castilleja schizotricha	split-hair paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	4.3	S4	G4
Cornus canadensis	bunchberry	Cornaceae	perennial rhizomatous herb	2B.2	S2	G5
Cypripedium californicum	California lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Cypripedium fasciculatum	clustered lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Cypripedium montanum	mountain lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Darlingtonia californica	California pitcherplant	Sarraceniaceae	perennial rhizomatous herb (carnivorous)	4.2	S4	G4
Dicentra formosa ssp. oregana	Oregon bleeding heart	Papaveraceae	perennial herb	4.2	S3	G5T4
Draba carnosula	Mt. Eddy draba	Brassicaceae	perennial herb	1B.3	S2	G2
Epilobium luteum	yellow willowherb	Onagraceae	perennial stoloniferous herb	2B.3	S1	G5
Epilobium oreganum	Oregon fireweed	Onagraceae	perennial herb	1B.2	S2	G2

Epilobium rigidum	Siskiyou Mountains willowherb	Onagraceae	perennial herb	4.3	S3	G3G4
Epilobium siskiyouense	Siskiyou fireweed	Onagraceae	perennial herb	1B.3	S3	G3
Erigeron bloomeri var. nudatus	Waldo daisy	Asteraceae	perennial herb	2B.3	S3	G5T4
Eriogonum congdonii	Congdon's buckwheat	Polygonaceae	perennial deciduous shrub	4.3	S4	G4
Eriogonum hirtellum	Klamath Mountain buckwheat	Polygonaceae	perennial rhizomatous herb	1B.3	S2S3	G2G3
Erythronium howellii	Howell's fawn lily	Liliaceae	perennial bulbiferous herb	1B.3	S2	G3G4
Eucephalus vialis	wayside aster	Asteraceae	perennial herb	1B.2	S1	G3
Galium oreganum	Oregon bedstraw	Rubiaceae	perennial rhizomatous herb	3	S1S2	G4G5
Iliamna latibracteata	California globe mallow	Malvaceae	perennial herb	1B.2	S2	G2G3
Iris bracteata	Siskiyou iris	Iridaceae	perennial rhizomatous herb	3.3	S3S4	G4G5
Juncus regelii	Regel's rush	Juncaceae	perennial rhizomatous herb	2B.3	S1	G4
Lewisia cotyledon var. heckneri	Heckner's lewisia	Montiaceae	perennial herb	1B.2	S3	G4T3
Lewisia cotyledon var. howellii	Howell's lewisia	Montiaceae	perennial herb	3.2	S2	G4T4Q
Lilium pardalinum ssp. wigginsii	Wiggins' lily	Liliaceae	perennial bulbiferous herb	4.3	S3	G5T3
Lomatium martindalei	Coast Range lomatium	Apiaceae	perennial herb	2B.3	S3	G5
Mertensia bella	Oregon lungwort	Boraginaceae	perennial herb	2B.2	S1	G4
Mitellastris caulescens	leafy-stemmed mitrewort	Saxifragaceae	perennial rhizomatous herb	4.2	S4	G5
Pedicularis howellii	Howell's lousewort	Orobanchaceae	perennial herb	4.3	S3	G4
Phacelia leonis	Siskiyou phacelia	Hydrophyllaceae	annual herb	1B.3	S3	G3
Pinguicula macroceras	horned butterwort	Lentibulariaceae	perennial herb (carnivorous)	2B.2	S2	G4
Piperia candida	white-flowered rein orchid	Orchidaceae	perennial herb	1B.2	S3	G3
Polystichum lonchitis	northern holly fern	Dryopteridaceae	perennial rhizomatous herb	3	S3	G5
Potentilla cristae	crested potentilla	Rosaceae	perennial herb	1B.3	S2	G2
Ptilidium californicum	Pacific fuzz wort	Ptilidiaceae	liverwort	4.3	S3S4	G4G5
Rosa gymnocarpa var. serpentina	Gasquet rose	Rosaceae	perennial rhizomatous shrub	1B.3	S2	G5T3T4
Rubus nivalis	snow dwarf bramble	Rosaceae	perennial evergreen vine	2B.3	S1	G4?
Sedum divergens	Cascade stonecrop	Crassulaceae	perennial herb	2B.3	S2	G5?
Sedum laxum ssp. flavidum	pale yellow stonecrop	Crassulaceae	perennial herb	4.3	S4	G5T4Q
Sidalcea celata	Redding checkerbloom	Malvaceae	perennial herb	3	S2S3	G2G3
Sidalcea elegans	Del Norte checkerbloom	Malvaceae	perennial rhizomatous herb	3.3	S2?	G4?
Tauschia howellii	Howell's tauschia	Apiaceae	perennial herb	1B.3	S2S3	G2G3
Thermopsis robusta	robust false lupine	Fabaceae	perennial rhizomatous herb	1B.2	S2	G2
Vaccinium coccineum	Siskiyou Mountains huckleberry	Ericaceae	perennial deciduous shrub	3.3	S2S3	G3Q

Suggested Citation

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Plant List

43 matches found. *Click on scientific name for details*

Search Criteria

Found in 9 Quads around 41123G3

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Allium siskiyouense	Siskiyou onion	Alliaceae	perennial bulbiferous herb	4.3	S4	G4
Arabis aculeolata	Waldo rockcress	Brassicaceae	perennial herb	2B.2	S2	G4
Arabis modesta	modest rockcress	Brassicaceae	perennial herb	4.3	S3	G3
Arabis oregana	Oregon rockcress	Brassicaceae	perennial herb	4.3	S3	G3G4Q
Arnica cernua	serpentine arnica	Asteraceae	perennial rhizomatous herb	4.3	S4	G5
Boechera koehleri	Koehler's stipitate rockcress	Brassicaceae	perennial herb	1B.3	S2S3	G3
Boechera rollei	Rolle's rockcress	Brassicaceae	perennial herb	1B.1	S1	G1
Callitropsis nootkatensis	Alaska cedar	Cupressaceae	perennial evergreen tree	4.3	S4	G5
Carex geyeri	Geyer's sedge	Cyperaceae	perennial rhizomatous herb	4.2	S4	G5
Carex scabriuscula	Siskiyou sedge	Cyperaceae	perennial rhizomatous herb	4.3	S4	G5?
Castilleja schizotricha	split-hair paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	4.3	S4	G4
Cypripedium californicum	California lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Cypripedium fasciculatum	clustered lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Cypripedium montanum	mountain lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Dicentra formosa ssp. oregana	Oregon bleeding heart	Papaveraceae	perennial herb	4.2	S3	G5T4
Draba carnosula	Mt. Eddy draba	Brassicaceae	perennial herb	1B.3	S2	G2
Epilobium siskiyouense	Siskiyou fireweed	Onagraceae	perennial herb	1B.3	S3	G3
Erigeron bloomeri var. nudatus	Waldo daisy	Asteraceae	perennial herb	2B.3	S3	G5T4
Eriogonum congdonii	Congdon's buckwheat	Polygonaceae	perennial deciduous shrub	4.3	S4	G4
Eriogonum diclinum	Jaynes Canyon buckwheat	Polygonaceae	perennial herb	2B.3	S3	G3
Eriogonum hirtellum	Klamath Mountain buckwheat	Polygonaceae	perennial rhizomatous herb	1B.3	S2S3	G2G3
Erythronium hendersonii	Henderson's fawn lily	Liliaceae	perennial bulbiferous herb	2B.3	S2	G4

Hemieva ranunculifolia	buttercup-leaf suksdorfia	Saxifragaceae	perennial herb	2B.2	S2	G5
Hesperocyparis bakeri	Baker cypress	Cupressaceae	perennial evergreen tree	4.2	S4	G4
Juncus dudleyi	Dudley's rush	Juncaceae	perennial herb	2B.3	S1	G5
Lewisia cotyledon var. heckneri	Heckner's lewisia	Montiaceae	perennial herb	1B.2	S3	G4T3
Lewisia cotyledon var. howellii	Howell's lewisia	Montiaceae	perennial herb	3.2	S2	G4T4Q
Lewisia kelloggii ssp. hutchisonii	Hutchison's lewisia	Montiaceae	perennial herb	3.2	S3	G3G4T3Q
Lewisia kelloggii ssp. kelloggii	Kellogg's lewisia	Montiaceae	perennial herb	3.2	S2S3	G3G4T2T3Q
Lilium pardalinum ssp. wigginsii	Wiggins' lily	Liliaceae	perennial bulbiferous herb	4.3	S3	G5T3
Mertensia bella	Oregon lungwort	Boraginaceae	perennial herb	2B.2	S1	G4
Mitellastris caulescens	leafy-stemmed mitrewort	Saxifragaceae	perennial rhizomatous herb	4.2	S4	G5
Pedicularis howellii	Howell's lousewort	Orobanchaceae	perennial herb	4.3	S3	G4
Piperia candida	white-flowered rein orchid	Orchidaceae	perennial herb	1B.2	S3	G3
Polystichum lonchitis	northern holly fern	Dryopteridaceae	perennial rhizomatous herb	3	S3	G5
Ptilidium californicum	Pacific fuzz wort	Ptilidiaceae	liverwort	4.3	S3S4	G4G5
Sedum oblancoelatum	Applegate stonecrop	Crassulaceae	perennial herb	1B.1	S1	G3
Smilax jamesii	English Peak greenbrier	Smilacaceae	perennial rhizomatous herb	4.2	S3S4	G3G4
Stachys pilosa	hairy marsh hedge-nettle	Lamiaceae	perennial rhizomatous herb	2B.3	S2	G5
Thermopsis robusta	robust false lupine	Fabaceae	perennial rhizomatous herb	1B.2	S2	G2
Triteleia hendersonii	Henderson's triteleia	Themidaceae	perennial bulbiferous herb	2B.2	S1	G4
Vaccinium coccineum	Siskiyou Mountains huckleberry	Ericaceae	perennial deciduous shrub	3.3	S2S3	G3Q
Veronica copelandii	Copeland's speedwell	Plantaginaceae	perennial herb	4.3	S3	G3

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Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad (Bear Peak (4112365) OR Clear Creek (4112364) OR Deadman Point (4112384) OR Figurehead Mtn. (4112383) OR Grider Valley (4112362) OR Happy Camp (4112374) OR Huckleberry Mtn. (4112363) OR Kangaroo Mtn. (4112382) OR Polar Bear Mtn. (4112385) OR Preston Peak (4112375) OR Seiad Valley (4112372) OR Slater Butte (4112373))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Accipiter gentilis</i> northern goshawk	ABNKC12060	None	None	G5	S3	SSC
<i>Arabis aculeolata</i> Waldo rockcress	PDBRA06010	None	None	G4	S2	2B.2
<i>Arabis mcdonaldiana</i> McDonald's rockcress	PDBRA06150	Endangered	Endangered	G3	S3	1B.1
<i>Ardea herodias</i> great blue heron	ABNGA04010	None	None	G5	S4	
<i>Asarum marmoratum</i> marbled wild-ginger	PDARI02070	None	None	G4?	S2	2B.3
<i>Ascaphus truei</i> Pacific tailed frog	AAABA01010	None	None	G4	S3S4	SSC
<i>Boechnera koehleri</i> Koehler's stipitate rockcress	PDBRA060Z0	None	None	G3	S2S3	1B.3
<i>Boechnera rollei</i> Rolle's rockcress	PDBRA064H0	None	None	G1	S1	1B.1
<i>Bombus caliginosus</i> obscure bumble bee	IIHYM24380	None	None	G4?	S1S2	
<i>Bombus franklini</i> Franklin's bumble bee	IIHYM24010	None	None	G1	S1	
<i>Bombus occidentalis</i> western bumble bee	IIHYM24250	None	None	G2G3	S1	
<i>Bombus suckleyi</i> Suckley's cuckoo bumble bee	IIHYM24350	None	None	GU	S1	
<i>Buxbaumia viridis</i> buxbaumia moss	NBMUS1B040	None	None	G4G5	S1	2B.2
<i>Carex serpenticola</i> serpentine sedge	PMCYP03KMO	None	None	G4	S3	2B.3
<i>Castilleja elata</i> Siskiyou paintbrush	PDSCR0D213	None	None	G3	S2S3	2B.2
<i>Cornus canadensis</i> bunchberry	PDCOR01040	None	None	G5	S2	2B.2
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010	None	Candidate Threatened	G3G4	S2	SSC
<i>Darlingtonia Seep</i> Darlingtonia Seep	CTT51120CA	None	None	G4	S3.2	



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Draba carnosula</i> Mt. Eddy draba	PDBRA112T0	None	None	G2	S2	1B.3
<i>Epilobium luteum</i> yellow willowherb	PDONA060H0	None	None	G5	S1	2B.3
<i>Epilobium oregonum</i> Oregon fireweed	PDONA060P0	None	None	G2	S2	1B.2
<i>Epilobium siskiyouense</i> Siskiyou fireweed	PDONA06100	None	None	G3	S3	1B.3
<i>Erigeron bloomeri var. nudatus</i> Waldo daisy	PDAST3M0M2	None	None	G5T4	S3	2B.3
<i>Eriogonum diclinum</i> Jaynes Canyon buckwheat	PDPGN081S0	None	None	G3	S3	2B.3
<i>Eriogonum hirtellum</i> Klamath Mountain buckwheat	PDPGN082T0	None	None	G2G3	S2S3	1B.3
<i>Erythronium hendersonii</i> Henderson's fawn lily	PMLIL0U070	None	None	G4	S2	2B.3
<i>Erythronium howellii</i> Howell's fawn lily	PMLIL0U080	None	None	G3G4	S2	1B.3
<i>Eucephalus vialis</i> wayside aster	PDASTE0A0	None	None	G3	S1	1B.2
<i>Falco peregrinus anatum</i> American peregrine falcon	ABNKD06071	Delisted	Delisted	G4T4	S3S4	FP
<i>Gulo gulo</i> California wolverine	AMAJF03010	Proposed Threatened	Threatened	G4	S1	FP
<i>Haliaeetus leucocephalus</i> bald eagle	ABNKC10010	Delisted	Endangered	G5	S3	FP
<i>Hemieva ranunculifolia</i> buttercup-leaf suksdorfia	PDSAX0W010	None	None	G5	S2	2B.2
<i>Iliamna latibracteata</i> California globe mallow	PDMAL0K040	None	None	G2G3	S2	1B.2
<i>Juncus dudleyi</i> Dudley's rush	PMJUN01390	None	None	G5	S1	2B.3
<i>Juncus regelii</i> Regel's rush	PMJUN012D0	None	None	G4	S1	2B.3
<i>Lasionycteris noctivagans</i> silver-haired bat	AMACC02010	None	None	G5	S3S4	
<i>Lasiurus cinereus</i> hoary bat	AMACC05030	None	None	G5	S4	
<i>Lewisia cotyledon var. heckneri</i> Heckner's lewisia	PDPOR04052	None	None	G4T3	S3	1B.2
<i>Lomatium martindalei</i> Coast Range lomatium	PDAPI1B140	None	None	G5	S3	2B.3



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Margaritifera falcata</i> western pearlshell	IMBIV27020	None	None	G4G5	S1S2	
<i>Martes caurina humboldtensis</i> Humboldt marten	AMAJF01012	None	Candidate Endangered	G5T1	S1	SSC
<i>Mertensia bella</i> Oregon lungwort	PDBOR0N040	None	None	G4	S1	2B.2
<i>Mitellastra caulescens</i> leafy-stemmed mitrewort	PDSAX0N020	None	None	G5	S4	4.2
<i>Monadenia infumata ochromphalus</i> yellow-based sideband	IMGASC7051	None	None	G2T1	S1	
<i>Oncorhynchus clarkii clarkii</i> coast cutthroat trout	AFCHA0208A	None	None	G4T4	S3	SSC
<i>Oncorhynchus mykiss irideus</i> summer-run steelhead trout	AFCHA0213B	None	None	G5T4Q	S2	SSC
<i>Pekania pennanti</i> fisher - West Coast DPS	AMAJF01021	Proposed Threatened	Candidate Threatened	G5T2T3Q	S2S3	SSC
<i>Phacelia leonis</i> Siskiyou phacelia	PDHYD0C2N0	None	None	G3	S3	1B.3
<i>Pinguicula macroceras</i> horned butterwort	PDLNT01040	None	None	G4	S2	2B.2
<i>Piperia candida</i> white-flowered rein orchid	PMORC1X050	None	None	G3	S3	1B.2
<i>Plethodon asupak</i> Scott Bar salamander	AAAAD12560	None	Threatened	G1G2	S1S2	
<i>Plethodon elongatus</i> Del Norte salamander	AAAAD12050	None	None	G4	S3	WL
<i>Plethodon stormi</i> Siskiyou Mountains salamander	AAAAD12180	None	Threatened	G2G3	S1S2	
<i>Ptilidium californicum</i> Pacific fuzzwort	NBHEP2U010	None	None	G4G5	S3S4	4.3
<i>Rana boylei</i> foothill yellow-legged frog	AAABH01050	None	None	G3	S3	SSC
<i>Rhyacotriton variegatus</i> southern torrent salamander	AAAAJ01020	None	None	G3G4	S2S3	SSC
<i>Rosa gymnocarpa var. serpentina</i> Gasquet rose	PDROS1J1V1	None	None	G5T3T4	S2	1B.3
<i>Rubus nivalis</i> snow dwarf bramble	PDR0S1K4S0	None	None	G4?	S1	2B.3
<i>Sedum divergens</i> Cascade stonecrop	PDCRA0A0B0	None	None	G5?	S2	2B.3
<i>Sedum laxum ssp. flavidum</i> pale yellow stonecrop	PDCRA0A0L2	None	None	G5T4Q	S4	4.3



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Sedum oblaneolatum</i> Applegate stonecrop	PDCRA0A0T0	None	None	G3	S1	1B.1
<i>Smilax jamesii</i> English Peak greenbrier	PMSMI010D0	None	None	G3G4	S3S4	4.2
<i>Stachys pilosa</i> hairy marsh hedge-nettle	PDLAM1X1A0	None	None	G5	S3	2B.3
<i>Tauschia howellii</i> Howell's tauschia	PDAPI27050	None	None	G2G3	S2S3	1B.3
<i>Thermopsis robusta</i> robust false lupine	PDFAB3Z0D0	None	None	G2	S2	1B.2
<i>Trilobopsis tehamana</i> Tehama chaparral	IMGASA2040	None	None	G1	S1	

Record Count: 66



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Yreka Fish and Wildlife Office
1829 SOUTH OREGON STREET
YREKA, CA 96097
PHONE: (530)842-5763 FAX: (530)842-4517

Consultation Code: 08EYRE00-2017-SLI-0012

November 23, 2016

Event Code: 08EYRE00-2017-E-00014

Project Name: Karuk - Happy Camp

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 federally threatened, endangered, and proposed species, designated critical habitat, and candidate species 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.). Please note that this list does not reflect State listed species or fulfill requirements related to any California Department of Fish and Wildlife consultation. Additionally, this list does not include species covered by the National Marine Fisheries Service (NMFS). For NMFS species please see the related website at the following link:

http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html

If your project does not involve Federal funding or permits and does not occur on Federal land, we recommend you review this list and determine if any of these species or critical habitat may be affected. If you determine that there will be no effects to federally listed or proposed species or critical habitat, there is no need to coordinate with the Service. If you think or know that there will be effects, please contact our office for further guidance. We can assist you in incorporating measures to avoid or minimize impacts, and discuss whether permits are needed.

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 effects 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>

If wetlands, springs, or streams are known to occur in the project area or are present in the vicinity of the project area, we ask that you be aware of potential impacts project activities may have on these habitats. Discharge of fill material into wetlands or waters of the United States is regulated by the U.S. Army Corps of Engineers (ACOE) pursuant to section 404 of the Clean Water Act of 1972, as amended. We recommend you contact the ACOE's Regulatory Section regarding the possible need for a permit.

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).

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>.

The table below outlines lead Service field offices by county and land ownership/project type. Please refer to this table when you are ready to coordinate (including requests for section 7 consultation) with the field office corresponding to your project. Please send any documentation regarding your project to that office. Please note that the lead Service field office for your consultation may not be the office listed above in the letterhead. Please visit the following link to view a map of Service field office jurisdictional boundaries:

http://www.fws.gov/yreka/specieslist/JurisdictionalBoundaryES_R8_20150313.pdf

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of the letter you submit to our office along with any request for consultation or correspondence about your project.

Lead FWS offices by County and Ownership/Program

County	Ownership/Program	Species	Office Lead*
Alameda	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
Alameda	All ownerships but tidal/estuarine	All	SFWO
Alpine	Humboldt Toiyabe National Forest	All	RFWO
Alpine	Lake Tahoe Basin Management Unit	All	RFWO
Alpine	Stanislaus National Forest	All	SFWO
Alpine	El Dorado National Forest	All	SFWO
Colusa	Mendocino National Forest	All	AFWO
			By jurisdiction (see

Colusa	Other	All	map)
Contra Costa	Legal Delta (Excluding ECCHCP)	All	BDFWO
Contra Costa	Antioch Dunes NWR	All	BDFWO
Contra Costa	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
Contra Costa	All ownerships but tidal/estuarine	All	SFWO
Del Norte	All	All	AFWO
El Dorado	El Dorado National Forest	All	SFWO
El Dorado	LakeTahoe Basin Management Unit		RFWO
Glenn	Mendocino National Forest	All	AFWO
Glenn	Other	All	By jurisdiction (see map)
Humboldt	All except Shasta Trinity National Forest	All	AFWO
Humboldt	Shasta Trinity National Forest	All	YFWO
Lake	Mendocino National Forest	All	AFWO
Lake	Other	All	By jurisdiction (see map)

Lassen	Modoc National Forest	All	KFWO
Lassen	Lassen National Forest	All	SFWO
Lassen	Toiyabe National Forest	All	RFWO
Lassen	BLM Surprise and Eagle Lake Resource Areas	All	RFWO
Lassen	BLM Alturas Resource Area	All	KFWO
Lassen	Lassen Volcanic National Park	All (includes Eagle Lake trout on all ownerships)	SFWO
Lassen	All other ownerships	All	By jurisdiction (see map)
Marin	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
Marin	All ownerships but tidal/estuarine	All	SFWO
Mendocino	Russian River watershed	All	SFWO
Mendocino	All except Russian River watershed	All	AFWO
Modoc	Modoc National Forest	All	KFWO
Modoc	BLM Alturas Resource Area	All	KFWO
	Klamath Basin National Wildlife		

Modoc	Refuge Complex	All	KFWO
Modoc	BLM Surprise and Eagle Lake Resource Areas	All	RFWO
Modoc	All other ownerships	All	By jurisdiction (See map)
Mono	Inyo National Forest	All	RFWO
Mono	Humboldt Toiyabe National Forest	All	RFWO
Napa	All ownerships but tidal/estuarine	All	SFWO
Napa	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
Nevada	Humboldt Toiyabe National Forest	All	RFWO
Nevada	All other ownerships	All	By jurisdiction (See map)
Placer	Lake Tahoe Basin Management Unit	All	RFWO
Placer	All other ownerships	All	SFWO
Sacramento	Legal Delta	Delta Smelt	BDFWO
Sacramento	Other	All	By jurisdiction (see map)
		Salt marsh	

San Francisco	Tidal wetlands/marsh adjacent to San Francisco Bay	species, delta smelt	BDFWO
San Francisco	All ownerships but tidal/estuarine	All	SFWO
San Mateo	Tidal wetlands/marsh adjacent to San Francisco Bay	Salt marsh species, delta smelt	BDFWO
San Mateo	All ownerships but tidal/estuarine	All	SFWO
San Joaquin	Legal Delta excluding San Joaquin HCP	All	BDFWO
San Joaquin	Other	All	SFWO
Santa Clara	Tidal wetlands/marsh adjacent to San Francisco Bay	Salt marsh species, delta smelt	BDFWO
Santa Clara	All ownerships but tidal/estuarine	All	SFWO
Shasta	Shasta Trinity National Forest except Hat Creek Ranger District (administered by Lassen National Forest)	All	YFWO
Shasta	Hat Creek Ranger District	All	SFWO
Shasta	Bureau of Reclamation (Central Valley Project)	All	BDFWO
Shasta	Whiskeytown National Recreation Area	All	YFWO

Shasta	BLM Alturas Resource Area	All	KFWO
Shasta	Caltrans	By jurisdiction	SFWO/AFWO
Shasta	Ahjumawi Lava Springs State Park	Shasta crayfish	SFWO
Shasta	All other ownerships	All	By jurisdiction (see map)
Shasta	Natural Resource Damage Assessment, all lands	All	SFWO/BDFWO
Sierra	Humboldt Toiyabe National Forest	All	RFWO
Sierra	All other ownerships	All	SFWO
Siskiyou	Klamath National Forest (except Ukonom District)	All	YFWO
Siskiyou	Six Rivers National Forest and Ukonom District	All	AFWO
Siskiyou	Shasta Trinity National Forest	All	YFWO
Siskiyou	Lassen National Forest	All	SFWO
Siskiyou	Modoc National Forest	All	KFWO
Siskiyou	Lava Beds National Volcanic Monument	All	KFWO
Siskiyou	BLM Alturas Resource Area	All	KFWO

Siskiyou	Klamath Basin National Wildlife Refuge Complex	All	KFWO
Siskiyou	All other ownerships	All	By jurisdiction (see map)
Solano	Suisun Marsh	All	BDFWO
Solano	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
Solano	All ownerships but tidal/estuarine	All	SFWO
Solano	Other	All	By jurisdiction (see map)
Sonoma	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
Sonoma	All ownerships but tidal/estuarine	All	SFWO
Tehama	Mendocino National Forest	All	AFWO
Tehama	Shasta Trinity National Forest except Hat Creek Ranger District (administered by Lassen National Forest)	All	YFWO
Tehama	All other ownerships	All	By jurisdiction (see map)
Trinity	BLM	All	AFWO

Trinity	Six Rivers National Forest	All	AFWO
Trinity	Shasta Trinity National Forest	All	YFWO
Trinity	Mendocino National Forest	All	AFWO
Trinity	BIA (Tribal Trust Lands)	All	AFWO
Trinity	County Government	All	AFWO
Trinity	All other ownerships	All	By jurisdiction (See map)
Yolo	Yolo Bypass	All	BDFWO
Yolo	Other	All	By jurisdiction (see map)
All	FERC-ESA	All	By jurisdiction (see map)
All	FERC-ESA	Shasta crayfish	SFWO
All	FERC-Relicensing (non-ESA)	All	BDFWO
*Office Leads:			
AFWO=Arcata Fish and Wildlife Office			
BDFWO=Bay Delta Fish and Wildlife Office			

KFWO=Klamath Falls Fish and Wildlife Office		
RFWO=Reno Fish and Wildlife Office		
YFWO=Yreka Fish and Wildlife Office		

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Happy Camp

Official Species List

Provided by:

Yreka Fish and Wildlife Office
1829 SOUTH OREGON STREET
YREKA, CA 96097
(530) 842-5763

Consultation Code: 08EYRE00-2017-SLI-0012

Event Code: 08EYRE00-2017-E-00014

Project Type: ** OTHER **

Project Name: Karuk - Happy Camp

Project Description: Fee to trust for Happy Camp properties.

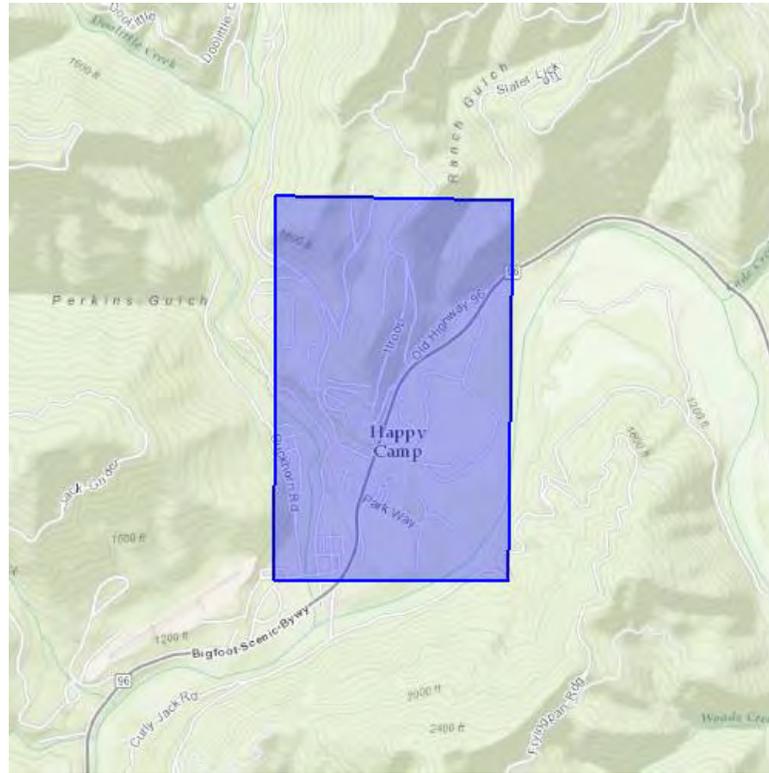
Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Happy Camp

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-123.38152885437012 41.81290686508806, -123.36444854736327 41.81265097725944, -123.36479187011719 41.792272627676, -123.38165760040282 41.792272627676, -123.38152885437012 41.81290686508806)))

Project Counties: Siskiyou, CA



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Happy Camp

Endangered Species Act Species List

There are a total of 14 threatened or endangered species on your 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. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Amphibians	Status	Has Critical Habitat	Condition(s)
Oregon Spotted frog (<i>Rana pretiosa</i>) Population: Wherever found	Threatened	Final designated	
Birds			
Marbled murrelet (<i>Brachyramphus marmoratus</i>) Population: U.S.A. (CA, OR, WA)	Threatened	Final designated	
Northern Spotted owl (<i>Strix occidentalis caurina</i>) Population: Wherever found	Threatened	Final designated	
Yellow-Billed Cuckoo (<i>Coccyzus americanus</i>) Population: Western U.S. DPS	Threatened	Proposed	
Crustaceans			
Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) Population: Wherever found	Endangered	Final designated	
Vernal Pool fairy shrimp (<i>Branchinecta lynchi</i>)	Threatened	Final designated	



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Population: Wherever found			
Vernal Pool tadpole shrimp (<i>Lepidurus packardii</i>) Population: Wherever found	Endangered	Final designated	
Fishes			
Lost River sucker (<i>Deltistes luxatus</i>) Population: Wherever found	Endangered	Final designated	
Shortnose Sucker (<i>Chasmistes brevirostris</i>) Population: Wherever found	Endangered	Final designated	
Flowering Plants			
Applegate's milk-vetch (<i>Astragalus applegatei</i>) Population: Wherever found	Endangered		
Gentner's Fritillary (<i>Fritillaria gentneri</i>) Population: Wherever found	Endangered		
Hoover's spurge (<i>Chamaesyce hooveri</i>) Population: Wherever found	Threatened	Final designated	
Slender Orcutt grass (<i>Orcuttia tenuis</i>) Population: Wherever found	Threatened	Final designated	
Mammals			
Gray wolf (<i>Canis lupus</i>) Population: U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, IA, IN, IL, KS, KY, LA, MA, MD, ME, MI, MO, MS, NC, ND, NE, NH, NJ, NV, NY, OH, OK, PA, RI, SC, SD, TN, TX,	Endangered		



United States Department of Interior
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VA, VT, WI, and WV; and portions of AZ, NM, OR, UT, and WA. Mexico.			
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Fish and Wildlife Service

Project name: Karuk - Happy Camp

Critical habitats that lie within your project area

There are no critical habitats within your project area.



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Happy Camp

Appendix A: FWS National Wildlife Refuges and Fish Hatcheries

There are no refuges or fish hatcheries within your project area.



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Project name: Karuk - Happy Camp

Appendix B: FWS Migratory Birds

The protection of birds is regulated by the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). The MBTA has no otherwise lawful activities. For more information regarding these Acts see: <http://www.fws.gov/birds/policies-and-regulations/laws-legislations/migratory-bird-treaty-act.php>
<http://www.fws.gov/birds/policies-and-regulations/laws-legislations/bald-and-golden-eagle-protection-act.php>

All project proponents are responsible for complying with the appropriate regulations protecting birds when planning and developing a project. To meet these conservation obligations, proponents should identify potential or existing project-related impacts to migratory birds and their habitat and develop and implement conservation measures that avoid, minimize, or compensate for these impacts. The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

For information about Birds of Conservation Concern, go to:

<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>

For information about conservation measures that help avoid or minimize impacts to birds, please visit:

<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>

To search and view summaries of year-round bird occurrence data within your project area, go to the Avian Knowledge Network Histogram Tools at:

<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>



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Migratory birds that may be affected by your project:

There are 18 birds on your migratory bird list. The list may include birds occurring outside this FWS office jurisdiction.

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Bald eagle (<i>Haliaeetus leucocephalus</i>)	Yes	Year-round
Black Swift (<i>Cypseloides niger</i>)	Yes	Breeding
Calliope Hummingbird (<i>Stellula calliope</i>)	Yes	Breeding
Flammulated owl (<i>Otus flammeolus</i>)	Yes	Breeding
Fox Sparrow (<i>Passerella iliaca</i>)	Yes	Breeding
Lewis's Woodpecker (<i>Melanerpes lewis</i>)	Yes	Wintering
Loggerhead Shrike (<i>Lanius ludovicianus</i>)	Yes	Year-round
Oak Titmouse (<i>Baeolophus inornatus</i>)	Yes	Year-round
Olive-Sided flycatcher (<i>Contopus cooperi</i>)	Yes	Breeding
Peregrine Falcon (<i>Falco peregrinus</i>)	Yes	Year-round
Purple Finch (<i>Carpodacus purpureus</i>)	Yes	Year-round
Rufous hummingbird (<i>selasphorus rufus</i>)	Yes	Breeding
Short-eared Owl (<i>Asio flammeus</i>)	Yes	Year-round
Swainson's hawk (<i>Buteo swainsoni</i>)	Yes	Breeding
Western grebe (<i>aechmophorus occidentalis</i>)	Yes	Breeding
White-headed Woodpecker (<i>Picoides</i>)	Yes	Year-round



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<i>albolarvatus</i>)		
Williamson's Sapsucker (<i>Sphyrapicus thyroideus</i>)	Yes	Year-round
Willow Flycatcher (<i>Empidonax traillii</i>)	Yes	Breeding



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Appendix C: NWI Wetlands

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery and/or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Exclusions - Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Precautions - Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of



United States Department of Interior
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this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

The following NWI Wetland types intersect your project area in one or more locations. To understand the NWI Classification Code, see <https://ecos.fws.gov/ipac/wetlands/decoder>. To view the National Wetlands Inventory on a map go to <http://www.fws.gov/wetlands/Data/Mapper.html>.

Wetland Types	NWI Classification Code
Freshwater Forested/Shrub Wetland	PFO
Freshwater Pond	PUB
Riverine	R3US/UB

Plant List

31 matches found. *Click on scientific name for details*

Search Criteria

Found in 9 Quads around 41122F6

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Allium siskiyouense	Siskiyou onion	Alliaceae	perennial bulbiferous herb	4.3	S4	G4
Androsace elongata ssp. acuta	California androsace	Primulaceae	annual herb	4.2	S3S4	G5? T3T4
Arabis oregana	Oregon rockcross	Brassicaceae	perennial herb	4.3	S3	G3G4Q
Balsamorhiza lanata	woolly balsamroot	Asteraceae	perennial herb	1B.2	S3	G3
Calochortus greenei	Greene's mariposa lily	Liliaceae	perennial bulbiferous herb	1B.2	S2S3	G3
Calochortus monanthus	single-flowered mariposa lily	Liliaceae	perennial bulbiferous herb	1A	SH	GH
Calochortus persistens	Siskiyou mariposa lily	Liliaceae	perennial bulbiferous herb	1B.2	S1	G2
Carex geveri	Geyer's sedge	Cyperaceae	perennial rhizomatous herb	4.2	S4	G5
Chaenactis suffrutescens	Shasta chaenactis	Asteraceae	perennial herb	1B.3	S3	G3
Cirsium ciliolatum	Ashland thistle	Asteraceae	perennial herb	2B.1	S1	G3
Cypripedium fasciculatum	clustered lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Cypripedium montanum	mountain lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Darlingtonia californica	California pitcherplant	Sarraceniaceae	perennial rhizomatous herb (carnivorous)	4.2	S4	G4
Eriogonum siskiyouense	Siskiyou buckwheat	Polygonaceae	perennial herb	4.3	S3	G3
Eriogonum umbellatum var. lautum	Scott Valley buckwheat	Polygonaceae	perennial herb	1B.1	S1	G5T1
Eriogonum ursinum var. erubescens	blushing wild buckwheat	Polygonaceae	perennial herb	1B.3	S2	G3G4T2
Galium serpicum ssp. scotticum	Scott Mountain bedstraw	Rubiaceae	perennial herb	1B.2	S2	G4G5T2
Horkelia hendersonii	Henderson's horkelia	Rosaceae	perennial herb	1B.1	S1	G1G2
Hymenoxys lemmonii	alkali hymenoxys	Asteraceae	perennial herb	2B.2	S2S3	G4?
Lewisia cotyledon var. howellii	Howell's lewisia	Montiaceae	perennial herb	3.2	S2	G4T4Q
Limnanthes floccosa ssp. floccosa	woolly meadowfoam	Limnanthaceae	annual herb	4.2	S3	G4T4
Lomatium peckianum	Peck's lomatium	Apiaceae	perennial herb	2B.2	S1	G4
Orthocarpus pachystachyus	Shasta orthocarpus	Orobanchaceae	annual herb	1B.1	S1	G1
Phacelia greenei	Scott Valley phacelia	Hydrophyllaceae	annual herb	1B.2	S2	G2
Phlox hirsuta	Yreka phlox	Polemoniaceae	perennial herb	1B.2	S1	G1
Polemonium carneum	Oregon polemonium	Polemoniaceae	perennial herb	2B.2	S2	G3G4

Sabulina howellii	Howell's sandwort	Caryophyllaceae	perennial herb	1B.3	S3	G4
Scirpus pendulus	pendulous bulrush	Cyperaceae	perennial rhizomatous herb	2B.2	S1	G5
Sedum laxum ssp. flavidum	pale yellow stonecrop	Crassulaceae	perennial herb	4.3	S4	G5T4Q
Trifolium siskiyouense	Siskiyou clover	Fabaceae	perennial herb	1B.1	SH	GH
Triteleia crocea var. crocea	yellow triteleia	Themidaceae	perennial bulbiferous herb	4.3	S3S4	G4T4

Suggested Citation

CNPS, Rare Plant Program. 2016. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 23 November 2016].

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Plant List

29 matches found. *Click on scientific name for details*

Search Criteria

Found in 9 Quads around 41122F5

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Allium siskiyouense	Siskiyou onion	Alliaceae	perennial bulbiferous herb	4.3	S4	G4
Androsace elongata ssp. acuta	California androsace	Primulaceae	annual herb	4.2	S3S4	G5?T3T4
Balsamorhiza lanata	woolly balsamroot	Asteraceae	perennial herb	1B.2	S3	G3
Calochortus greenei	Greene's mariposa lily	Liliaceae	perennial bulbiferous herb	1B.2	S2S3	G3
Calochortus monanthus	single-flowered mariposa lily	Liliaceae	perennial bulbiferous herb	1A	SH	GH
Calochortus persistens	Siskiyou mariposa lily	Liliaceae	perennial bulbiferous herb	1B.2	S1	G2
Carex geyeri	Geyer's sedge	Cyperaceae	perennial rhizomatous herb	4.2	S4	G5
Chaenactis suffrutescens	Shasta chaenactis	Asteraceae	perennial herb	1B.3	S3	G3
Cirsium ciliolatum	Ashland thistle	Asteraceae	perennial herb	2B.1	S1	G3
Cypripedium montanum	mountain lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
Eriogonum siskiyouense	Siskiyou buckwheat	Polygonaceae	perennial herb	4.3	S3	G3
Eriogonum ursinum var. erubescens	blushing wild buckwheat	Polygonaceae	perennial herb	1B.3	S2	G3G4T2
Galium serpticum ssp. scotticum	Scott Mountain bedstraw	Rubiaceae	perennial herb	1B.2	S2	G4G5T2
Hesperocyparis bakeri	Baker cypress	Cupressaceae	perennial evergreen tree	4.2	S4	G4
Hymenoxys lemmonii	alkali hymenoxys	Asteraceae	perennial herb	2B.2	S2S3	G4?
Lewisia cotyledon var. howellii	Howell's lewisia	Montiaceae	perennial herb	3.2	S2	G4T4Q
Limnanthes floccosa ssp. floccosa	woolly meadowfoam	Limnanthaceae	annual herb	4.2	S3	G4T4
Lomatium peckianum	Peck's lomatium	Apiaceae	perennial herb	2B.2	S1	G4
Opuntia fragilis	brittle prickly-pear	Cactaceae	perennial stem succulent	2B.1	S1	G4G5
Orthocarpus pachystachyus	Shasta orthocarpus	Orobanchaceae	annual herb	1B.1	S1	G1
Phacelia cookei	Cooke's phacelia	Hydrophyllaceae	annual herb	1B.1	S1	G1
Phacelia greenei	Scott Valley phacelia	Hydrophyllaceae	annual herb	1B.2	S2	G2
Phlox hirsuta	Yreka phlox	Polemoniaceae	perennial herb	1B.2	S1	G1
Polemonium carneum	Oregon polemonium	Polemoniaceae	perennial herb	2B.2	S2	G3G4
Scirpus pendulus	pendulous bulrush	Cyperaceae	perennial rhizomatous	2B.2	S1	G5

			herb			
Sedum laxum ssp. flavidum	pale yellow stonecrop	Crassulaceae	perennial herb	4.3	S4	G5T4Q
Stachys pilosa	hairy marsh hedge- nettle	Lamiaceae	perennial rhizomatous herb	2B.3	S2	G5
Trifolium siskiyouense	Siskiyou clover	Fabaceae	perennial herb	1B.1	SH	GH
Triteleia crocea var. crocea	yellow triteleia	Themidaceae	perennial bulbiferous herb	4.3	S3S4	G4T4

Suggested Citation

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Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad (Badger Mtn. (4112276) OR Bogus Mountain (4112274) OR Duzel Rock (4112256) OR Fort Jones (4112257) OR Gazelle (4112255) OR Hawkinsville (4112275) OR Indian Creek Baldy (4112267) OR Lake Shastina (4112254) OR Little Shasta (4112264) OR McKinley Mtn. (4112277) OR Montague (4112265) OR Yreka (4112266))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Accipiter gentilis</i> northern goshawk	ABNKC12060	None	None	G5	S3	SSC
<i>Aquila chrysaetos</i> golden eagle	ABNKC22010	None	None	G5	S3	FP
<i>Ardea herodias</i> great blue heron	ABNGA04010	None	None	G5	S4	
<i>Balsamorhiza lanata</i> woolly balsamroot	PDAST11047	None	None	G3	S3	1B.2
<i>Bombus crotchii</i> Crotch bumble bee	IIHYM24480	None	None	G3G4	S1S2	
<i>Bombus franklini</i> Franklin's bumble bee	IIHYM24010	None	None	G1	S1	
<i>Bombus morrisoni</i> Morrison bumble bee	IIHYM24460	None	None	G4G5	S1S2	
<i>Buteo swainsoni</i> Swainson's hawk	ABNKC19070	None	Threatened	G5	S3	
<i>Calochortus greenei</i> Greene's mariposa-lily	PMLIL0D0H0	None	None	G3	S2S3	1B.2
<i>Calochortus monanthus</i> single-flowered mariposa-lily	PMLIL0D0W0	None	None	GH	SH	1A
<i>Calochortus persistens</i> Siskiyou mariposa-lily	PMLIL0D140	None	Rare	G2	S1	1B.2
<i>Chaenactis suffrutescens</i> Shasta chaenactis	PDAST200H0	None	None	G3	S3	1B.3
<i>Cirsium ciliolatum</i> Ashland thistle	PDAST2E0P0	None	Endangered	G3	S1	2B.1
<i>Emys marmorata</i> western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
<i>Eriogonum ursinum var. erubescens</i> blushing wild buckwheat	PDPGN08632	None	None	G3G4T2	S2	1B.3
<i>Falco mexicanus</i> prairie falcon	ABNKD06090	None	None	G5	S4	WL
<i>Galium serpenticum ssp. scotticum</i> Scott Mountain bedstraw	PDRUB0N1Y6	None	None	G4G5T2	S2	1B.2
<i>Grus canadensis tabida</i> greater sandhill crane	ABNMK01014	None	Threatened	G5T4	S2	FP



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Haliaeetus leucocephalus</i> bald eagle	ABNKC10010	Delisted	Endangered	G5	S3	FP
<i>Hydroporus leechi</i> Leech's skyline diving beetle	IICOL55040	None	None	G1?	S1?	
<i>Hymenoxys lemmonii</i> alkali hymenoxys	PDAST530C0	None	None	G4?	S2S3	2B.2
<i>Klamath Spring Stream</i> Klamath Spring Stream	CARB2325CA	None	None	GNR	SNR	
<i>Larus californicus</i> California gull	ABNNM03110	None	None	G5	S4	WL
<i>Limnanthes floccosa ssp. floccosa</i> woolly meadowfoam	PDLIM02043	None	None	G4T4	S3	4.2
<i>Lomatium peckianum</i> Peck's lomatium	PDAP11B1G0	None	None	G4	S1	2B.2
<i>Margaritifera falcata</i> western pearlshell	IMBIV27020	None	None	G4G5	S1S2	
<i>Monadenia chaceana</i> Siskiyou shoulderband	IMGASC7150	None	None	G2G3	S2	
<i>Opuntia fragilis</i> brittle prickly-pear	PDCAC0D0H0	None	None	G4G5	S1	2B.1
<i>Orthocarpus pachystachyus</i> Shasta orthocarpus	PDSCR1H0L0	None	None	G1	S1	1B.1
<i>Pekania pennanti</i> fisher - West Coast DPS	AMAJF01021	Proposed Threatened	Candidate Threatened	G5T2T3Q	S2S3	SSC
<i>Phacelia greenei</i> Scott Valley phacelia	PDHYD0C1V0	None	None	G2	S2	1B.2
<i>Phlox hirsuta</i> Yreka phlox	PDPLM0D100	Endangered	Endangered	G1	S1	1B.2
<i>Psidium ultramontanum</i> montane peaclam	IMBIV51220	None	None	G1	S1	
<i>Polemonium carneum</i> Oregon polemonium	PDPLM0E050	None	None	G3G4	S2	2B.2
<i>Riparia riparia</i> bank swallow	ABPAU08010	None	Threatened	G5	S2	
<i>Sabulina howellii</i> Howell's sandwort	PDCAR0G0F0	None	None	G4	S3	1B.3
<i>Scirpus pendulus</i> pendulous bulrush	PMCYP0Q160	None	None	G5	S1	2B.2
<i>Stachys pilosa</i> hairy marsh hedge-nettle	PDLAM1X1A0	None	None	G5	S3	2B.3
<i>Taxidea taxus</i> American badger	AMAJF04010	None	None	G5	S3	SSC



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Trifolium siskiyouense</i> Siskiyou clover	PDFAB402S0	None	None	GH	SH	1B.1
<i>Trilobopsis tehamana</i> Tehama chaparral	IMGASA2040	None	None	G1	S1	

Record Count: 41



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Yreka Fish and Wildlife Office

1829 SOUTH OREGON STREET

YREKA, CA 96097

PHONE: (530)842-5763 FAX: (530)842-4517

Consultation Code: 08EYRE00-2017-SLI-0013

November 23, 2016

Event Code: 08EYRE00-2017-E-00015

Project Name: Karuk - Yreka

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 federally threatened, endangered, and proposed species, designated critical habitat, and candidate species 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.). Please note that this list does not reflect State listed species or fulfill requirements related to any California Department of Fish and Wildlife consultation. Additionally, this list does not include species covered by the National Marine Fisheries Service (NMFS). For NMFS species please see the related website at the following link:

http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html

If your project does not involve Federal funding or permits and does not occur on Federal land, we recommend you review this list and determine if any of these species or critical habitat may be affected. If you determine that there will be no effects to federally listed or proposed species or critical habitat, there is no need to coordinate with the Service. If you think or know that there will be effects, please contact our office for further guidance. We can assist you in incorporating measures to avoid or minimize impacts, and discuss whether permits are needed.

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 effects 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>

If wetlands, springs, or streams are known to occur in the project area or are present in the vicinity of the project area, we ask that you be aware of potential impacts project activities may have on these habitats. Discharge of fill material into wetlands or waters of the United States is regulated by the U.S. Army Corps of Engineers (ACOE) pursuant to section 404 of the Clean Water Act of 1972, as amended. We recommend you contact the ACOE's Regulatory Section regarding the possible need for a permit.

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).

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>.

The table below outlines lead Service field offices by county and land ownership/project type. Please refer to this table when you are ready to coordinate (including requests for section 7 consultation) with the field office corresponding to your project. Please send any documentation regarding your project to that office. Please note that the lead Service field office for your consultation may not be the office listed above in the letterhead. Please visit the following link to view a map of Service field office jurisdictional boundaries:

http://www.fws.gov/yreka/specieslist/JurisdictionalBoundaryES_R8_20150313.pdf

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of the letter you submit to our office along with any request for consultation or correspondence about your project.

Lead FWS offices by County and Ownership/Program

County	Ownership/Program	Species	Office Lead*
Alameda	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
Alameda	All ownerships but tidal/estuarine	All	SFWO
Alpine	Humboldt Toiyabe National Forest	All	RFWO
Alpine	Lake Tahoe Basin Management Unit	All	RFWO
Alpine	Stanislaus National Forest	All	SFWO
Alpine	El Dorado National Forest	All	SFWO
Colusa	Mendocino National Forest	All	AFWO
			By jurisdiction (see

Colusa	Other	All	map)
Contra Costa	Legal Delta (Excluding ECCHCP)	All	BDFWO
Contra Costa	Antioch Dunes NWR	All	BDFWO
Contra Costa	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
Contra Costa	All ownerships but tidal/estuarine	All	SFWO
Del Norte	All	All	AFWO
El Dorado	El Dorado National Forest	All	SFWO
El Dorado	LakeTahoe Basin Management Unit		RFWO
Glenn	Mendocino National Forest	All	AFWO
Glenn	Other	All	By jurisdiction (see map)
Humboldt	All except Shasta Trinity National Forest	All	AFWO
Humboldt	Shasta Trinity National Forest	All	YFWO
Lake	Mendocino National Forest	All	AFWO
Lake	Other	All	By jurisdiction (see map)

Lassen	Modoc National Forest	All	KFWO
Lassen	Lassen National Forest	All	SFWO
Lassen	Toiyabe National Forest	All	RFWO
Lassen	BLM Surprise and Eagle Lake Resource Areas	All	RFWO
Lassen	BLM Alturas Resource Area	All	KFWO
Lassen	Lassen Volcanic National Park	All (includes Eagle Lake trout on all ownerships)	SFWO
Lassen	All other ownerships	All	By jurisdiction (see map)
Marin	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
Marin	All ownerships but tidal/estuarine	All	SFWO
Mendocino	Russian River watershed	All	SFWO
Mendocino	All except Russian River watershed	All	AFWO
Modoc	Modoc National Forest	All	KFWO
Modoc	BLM Alturas Resource Area	All	KFWO
	Klamath Basin National Wildlife		

Modoc	Refuge Complex	All	KFWO
Modoc	BLM Surprise and Eagle Lake Resource Areas	All	RFWO
Modoc	All other ownerships	All	By jurisdiction (See map)
Mono	Inyo National Forest	All	RFWO
Mono	Humboldt Toiyabe National Forest	All	RFWO
Napa	All ownerships but tidal/estuarine	All	SFWO
Napa	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
Nevada	Humboldt Toiyabe National Forest	All	RFWO
Nevada	All other ownerships	All	By jurisdiction (See map)
Placer	Lake Tahoe Basin Management Unit	All	RFWO
Placer	All other ownerships	All	SFWO
Sacramento	Legal Delta	Delta Smelt	BDFWO
Sacramento	Other	All	By jurisdiction (see map)
		Salt marsh	

San Francisco	Tidal wetlands/marsh adjacent to San Francisco Bay	species, delta smelt	BDFWO
San Francisco	All ownerships but tidal/estuarine	All	SFWO
San Mateo	Tidal wetlands/marsh adjacent to San Francisco Bay	Salt marsh species, delta smelt	BDFWO
San Mateo	All ownerships but tidal/estuarine	All	SFWO
San Joaquin	Legal Delta excluding San Joaquin HCP	All	BDFWO
San Joaquin	Other	All	SFWO
Santa Clara	Tidal wetlands/marsh adjacent to San Francisco Bay	Salt marsh species, delta smelt	BDFWO
Santa Clara	All ownerships but tidal/estuarine	All	SFWO
Shasta	Shasta Trinity National Forest except Hat Creek Ranger District (administered by Lassen National Forest)	All	YFWO
Shasta	Hat Creek Ranger District	All	SFWO
Shasta	Bureau of Reclamation (Central Valley Project)	All	BDFWO
Shasta	Whiskeytown National Recreation Area	All	YFWO

Shasta	BLM Alturas Resource Area	All	KFWO
Shasta	Caltrans	By jurisdiction	SFWO/AFWO
Shasta	Ahjumawi Lava Springs State Park	Shasta crayfish	SFWO
Shasta	All other ownerships	All	By jurisdiction (see map)
Shasta	Natural Resource Damage Assessment, all lands	All	SFWO/BDFWO
Sierra	Humboldt Toiyabe National Forest	All	RFWO
Sierra	All other ownerships	All	SFWO
Siskiyou	Klamath National Forest (except Ukonom District)	All	YFWO
Siskiyou	Six Rivers National Forest and Ukonom District	All	AFWO
Siskiyou	Shasta Trinity National Forest	All	YFWO
Siskiyou	Lassen National Forest	All	SFWO
Siskiyou	Modoc National Forest	All	KFWO
Siskiyou	Lava Beds National Volcanic Monument	All	KFWO
Siskiyou	BLM Alturas Resource Area	All	KFWO

Siskiyou	Klamath Basin National Wildlife Refuge Complex	All	KFWO
Siskiyou	All other ownerships	All	By jurisdiction (see map)
Solano	Suisun Marsh	All	BDFWO
Solano	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
Solano	All ownerships but tidal/estuarine	All	SFWO
Solano	Other	All	By jurisdiction (see map)
Sonoma	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
Sonoma	All ownerships but tidal/estuarine	All	SFWO
Tehama	Mendocino National Forest	All	AFWO
Tehama	Shasta Trinity National Forest except Hat Creek Ranger District (administered by Lassen National Forest)	All	YFWO
Tehama	All other ownerships	All	By jurisdiction (see map)
Trinity	BLM	All	AFWO

Trinity	Six Rivers National Forest	All	AFWO
Trinity	Shasta Trinity National Forest	All	YFWO
Trinity	Mendocino National Forest	All	AFWO
Trinity	BIA (Tribal Trust Lands)	All	AFWO
Trinity	County Government	All	AFWO
Trinity	All other ownerships	All	By jurisdiction (See map)
Yolo	Yolo Bypass	All	BDFWO
Yolo	Other	All	By jurisdiction (see map)
All	FERC-ESA	All	By jurisdiction (see map)
All	FERC-ESA	Shasta crayfish	SFWO
All	FERC-Relicensing (non-ESA)	All	BDFWO
*Office Leads:			
AFWO=Arcata Fish and Wildlife Office			
BDFWO=Bay Delta Fish and Wildlife Office			

KFWO=Klamath Falls Fish and Wildlife Office		
RFWO=Reno Fish and Wildlife Office		
YFWO=Yreka Fish and Wildlife Office		

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Official Species List

Provided by:

Yreka Fish and Wildlife Office
1829 SOUTH OREGON STREET
YREKA, CA 96097
(530) 842-5763

Consultation Code: 08EYRE00-2017-SLI-0013

Event Code: 08EYRE00-2017-E-00015

Project Type: ** OTHER **

Project Name: Karuk - Yreka

Project Description: Fee to trust for Yreka properties

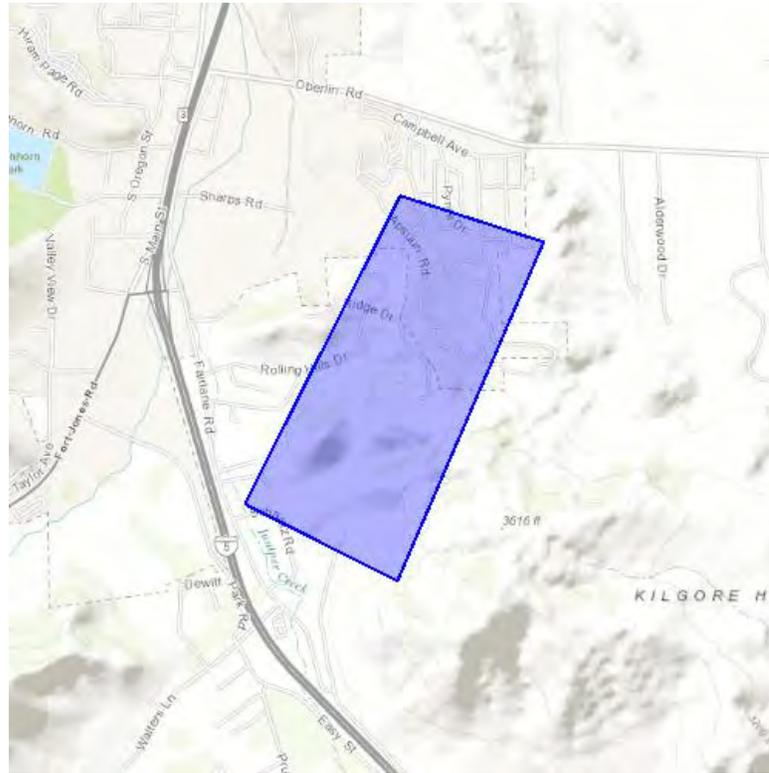
Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-122.63652920722961 41.692206475210334, -122.62523174285887 41.688008296820676, -122.6143741607666 41.706705708905154, -122.6250171661377 41.70929279747409, -122.63652920722961 41.692206475210334)))

Project Counties: Siskiyou, CA



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Endangered Species Act Species List

There are a total of 13 threatened or endangered species on your 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. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Amphibians	Status	Has Critical Habitat	Condition(s)
Oregon Spotted frog (<i>Rana pretiosa</i>) Population: Wherever found	Threatened	Final designated	
Birds			
Northern Spotted owl (<i>Strix occidentalis caurina</i>) Population: Wherever found	Threatened	Final designated	
Yellow-Billed Cuckoo (<i>Coccyzus americanus</i>) Population: Western U.S. DPS	Threatened	Proposed	
Crustaceans			
Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) Population: Wherever found	Endangered	Final designated	
Vernal Pool fairy shrimp (<i>Branchinecta lynchi</i>) Population: Wherever found	Threatened	Final designated	
Vernal Pool tadpole shrimp (<i>Lepidurus packardi</i>)	Endangered	Final designated	



United States Department of Interior
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Project name: Karuk - Yreka

Population: Wherever found			
Fishes			
Lost River sucker (<i>Deltistes luxatus</i>) Population: Wherever found	Endangered	Final designated	
Shortnose Sucker (<i>Chasmistes brevirostris</i>) Population: Wherever found	Endangered	Final designated	
Flowering Plants			
Gentner's Fritillary (<i>Fritillaria gentneri</i>) Population: Wherever found	Endangered		
Hoover's spurge (<i>Chamaesyce hooveri</i>) Population: Wherever found	Threatened	Final designated	
Slender Orcutt grass (<i>Orcuttia tenuis</i>) Population: Wherever found	Threatened	Final designated	
Yreka phlox (<i>Phlox hirsuta</i>) Population: Wherever found	Endangered		
Mammals			
Gray wolf (<i>Canis lupus</i>) Population: U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, IA, IN, IL, KS, KY, LA, MA, MD, ME, MI, MO, MS, NC, ND, NE, NH, NJ, NV, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, and WV; and portions of AZ, NM, OR, UT, and WA. Mexico.	Endangered		



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Critical habitats that lie within your project area

There are no critical habitats within your project area.



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Appendix A: FWS National Wildlife Refuges and Fish Hatcheries

There are no refuges or fish hatcheries within your project area.



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Appendix B: FWS Migratory Birds

The protection of birds is regulated by the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). The MBTA has no otherwise lawful activities. For more information regarding these Acts see: <http://www.fws.gov/birds/policies-and-regulations/laws-legislations/migratory-bird-treaty-act.php>
<http://www.fws.gov/birds/policies-and-regulations/laws-legislations/bald-and-golden-eagle-protection-act.php>

All project proponents are responsible for complying with the appropriate regulations protecting birds when planning and developing a project. To meet these conservation obligations, proponents should identify potential or existing project-related impacts to migratory birds and their habitat and develop and implement conservation measures that avoid, minimize, or compensate for these impacts. The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

For information about Birds of Conservation Concern, go to:

<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>

For information about conservation measures that help avoid or minimize impacts to birds, please visit:

<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>

To search and view summaries of year-round bird occurrence data within your project area, go to the Avian Knowledge Network Histogram Tools at:

<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Migratory birds that may be affected by your project:

There are 21 birds on your migratory bird list. The list may include birds occurring outside this FWS office jurisdiction.

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Bald eagle (<i>Haliaeetus leucocephalus</i>)	Yes	Year-round
Black Swift (<i>Cypseloides niger</i>)	Yes	Breeding
Brewer's Sparrow (<i>Spizella breweri</i>)	Yes	Breeding
Calliope Hummingbird (<i>Stellula calliope</i>)	Yes	Breeding
Flammulated owl (<i>Otus flammeolus</i>)	Yes	Breeding
Fox Sparrow (<i>Passerella iliaca</i>)	Yes	Breeding
Green-tailed Towhee (<i>Pipilo chlorurus</i>)	Yes	Breeding
Lewis's Woodpecker (<i>Melanerpes lewis</i>)	Yes	Year-round
Loggerhead Shrike (<i>Lanius ludovicianus</i>)	Yes	Year-round
Oak Titmouse (<i>Baeolophus inornatus</i>)	Yes	Year-round
Olive-Sided flycatcher (<i>Contopus cooperi</i>)	Yes	Breeding
Peregrine Falcon (<i>Falco peregrinus</i>)	Yes	Year-round
Purple Finch (<i>Carpodacus purpureus</i>)	Yes	Year-round
Rufous hummingbird (<i>Selasphorus rufus</i>)	Yes	Breeding
Short-eared Owl (<i>Asio flammeus</i>)	Yes	Year-round
Snowy Plover (<i>Charadrius alexandrinus</i>)	Yes	Breeding
Swainson's hawk (<i>Buteo swainsoni</i>)	Yes	Breeding



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Fish and Wildlife Service

Project name: Karuk - Yreka

Western grebe (<i>aechmophorus occidentalis</i>)	Yes	Breeding
White-headed Woodpecker (<i>Picoides albolarvatus</i>)	Yes	Year-round
Williamson's Sapsucker (<i>Sphyrapicus thyroideus</i>)	Yes	Year-round
Willow Flycatcher (<i>Empidonax traillii</i>)	Yes	Breeding



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

Appendix C: NWI Wetlands

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery and/or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Exclusions - Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Precautions - Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of



United States Department of Interior
Fish and Wildlife Service

Project name: Karuk - Yreka

this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

The following NWI Wetland types intersect your project area in one or more locations. To understand the NWI Classification Code, see <https://ecos.fws.gov/ipac/wetlands/decoder>. To view the National Wetlands Inventory on a map go to <http://www.fws.gov/wetlands/Data/Mapper.html>.

Wetland Types	NWI Classification Code
Freshwater Emergent Wetland	PEMA

ATTACHMENT B

Representative Project Photographs



Photo 1. Northwestern portion of Evans I property, view south, 30 November 2016. Built-up and urban disturbance in foreground, ponderosa pine — Douglas fir forest in background.



Photo 2. Ranch Gulch within the Evans I property, view north, 30 November 2016.



Photo 3. Northcentral portion of Evans I property view southwest, 30 November 2016. White leaf manzanita chaparral in foreground, Douglas fir — tanoak forest in background.



Photo 4. Douglas fir — tanoak forest in central portion of the Evans I property, view north, 30 November 2016.





Photo 5. Himalayan blackberry understory along ephemeral drainage within the western portion of the Evans I property, view south, 30 November 2016.



Photo 6. Large pond within the southern portion of the Evans I property, view north, 30 November 2016.



Photo 7. Large seasonal wetland swale within the southern portion of the Evans I property, view north, 30 November 2016.



Photo 8. Access road and white leaf manzanita chaparral on Evans II property, view southeast, 30 November 2016.



Photo 9. Ponderosa pine — Douglas fir forest at Evans I property west of Grayback Road, view west, 30 November 2016.



Photo 10. Himalayan blackberry understory within ponderosa pine — Douglas fir forest at Evans I property west of Grayback Road, view east, 1 December 2016.



Photo 11. Ditch in Evans I property west of Grayback Road, view south, 1 December 2016.



Photo 12. Tello property, view east from road, 30 November 2016.



Photo 13. Seasonal wetland swale within Tello property, view west, 1 December 2016.



Photo 14. Ponderosa pines along margins of seasonal wetland swale within Tello property, view east, 1 December 2016.



Photo 15. Seasonal wetland swale within Tello property with saturation at the soil surface, 1 December 2016.



Photo 16. Mediterranean California naturalized annual and perennial grassland at Skyline/Hillside Property, view north, 1 December 2016.



Photo 17. Himalayan blackberry bramble within Skyline/Hillside property, view north, 1 December 2016.



Photo 18. Seasonal Wetland within Skyline/Hillside property, view southeast, 1 December 2016.



Photo 19. Ponderosa pine — Douglas fir forest within the Skyline/Hillside property, view south, 1 December 2016.



Photo 20. Ephemeral drainage in southwestern portion of Oom property, view southeast, 29 November 2016.



Photo 21. Oregon white oak woodland in south central portion of Oom property, view north, 29 November 2016.



Photo 22. Birch-leaf mountain mahogany chaparral in north central portion of Oom property, view southwest, 29 November 2016.



Photo 23. Northern access road within the Oom property, view north, 29 November 2016.

ATTACHMENT C

Wildlife Species Observed within the Project

Karuk Tribe Residential Development Properties

Wildlife Species Observed

<u>Species Name</u>	<u>Scientific Name</u>
Birds	
Acorn woodpecker ³	<i>Melanerpes formicivorus</i>
Anna's hummingbird ¹	<i>Calypte anna</i>
Black-billed magpie ³	<i>Pica hudsonia</i>
Bushtit ³	<i>Psaltriparus minimus</i>
California scrub-jay ^{1, 3}	<i>Aphelocoma californica</i>
Common raven ^{1, 2, 3}	<i>Corvus corax</i>
Canada goose ²	<i>Branta canadensis</i>
Dark-eyed junco ³	<i>Junco hyemalis</i>
Great egret ²	<i>Ardea alba</i>
Golden-crowned kinglet ³	<i>Regulus satrapa</i>
Golden-crowned sparrow ³	<i>Zonotrichia atricapilla</i>
Mountain chickadee ¹	<i>Poecile gambeli</i>
Pileated Woodpecker ¹	<i>Dryocopus pileatus</i>
Spotted towhee ^{1, 2, 3}	<i>Pipilo maculatus</i>
Turkey vulture ¹	<i>Cathartes aura</i>
Varied thrush ¹	<i>Ixoreus naevius</i>
Mammals	
American black bear (sign) ^{1, 2}	<i>Ursus americanus</i>
Cottontail ³	<i>Lepus sylvaticus</i>
Deer (sign) ^{1, 2, 3}	<i>Odocoileus hemionus</i> (unknown subspecies)
Western gray squirrel ¹	<i>Sciurus griseus</i>
Pocket gopher ³	<i>Thomomys</i> sp.
Woodrat (midden) ^{1, 3}	<i>Netoma</i> sp.

¹ Evans/Tello 016-010-460; 016-010-400; 016-531-330

² Skyline/Hillside 016-412-240; 016-412-340

³ Oom 013-120-420; 062-151-250

APPENDIX H

TRAFFIC COUNT DATA

Estimated Roadway Volumes

YREKA Scenario / Roadways & Intersections	Jurisdiction	Current Functional Classification	Current Daily Capacity	Recent Counts			Campbell Tracts ADT			2017 Calc'ed ADT			Campbell Tracts ADT		2035 Calc'ed ADT			
				Year	ADT	Peak Hour	Year	du's	ADT	Years Growth	Annual Growth %	2017 ADT	du's	ADT	Year	Years Growth	% Growth	2035 ADT
(YREKA) OOM SUBDIVISION	KARUK																	
TOTAL PROJECT TRAFFIC (10 d.u.'s)																		
WEST PROJECT ACCESS ROAD	KARUK																	
* WEST PROJECT ACCESS / Oak Tree Ct / Apsuun	KARUK	(intersection)																
APSUM ROAD (Oak Tree Court to Dove Lane)	KARUK	Local Road	1,500	-----	-----	-----	2017	32	307	-----	0.8%	307	32	307	built out - no growth			307
* Apsun Road / Dove Lane / Swallow Circle intersection	Yreka	(intersection)																
DOVE LANE (Apsun Road/Swallow Court to Bluebird Street)	Yreka	Local Road	1,500	-----	-----	-----	2017	53	508	-----	0.8%	508	53	508	built out - no growth			508
* Dove Lane / Bluebird Street intersection	Yreka	(intersection)																
DOVE LANE (Bluebird Street to Campbell Road)	Yreka	Local Road	1,500	-----	-----	-----	2017	80	766	-----	0.8%	766	80	766	built out - no growth			766
* Campbell Road / Dove Lane intersection	Yreka	(intersection)																
CAMPBELL DRIVE (Dove Lane to Comstock Drive)	Yreka	Collector	2,500	-----	-----	-----	2017	225	2,154	-----	0.8%	2,154	225	2,154	built out - no growth			2,154
* Campbell Road / Comstock Drive intersection	Yreka	(intersection)																
COMSTOCK DRIVE (Dove Lane to Comstock Drive)	Yreka	Collector	2,500	-----	-----	-----	2017	194	1,857	-----	0.8%	1,857	194	1,857	built out - no growth			1,857
* East Oberlin Drive / Comstock Drive intersection	Yreka	(intersection)																
CAMPBELL DRIVE (Comstock Drive to East Oberlin Drive)	Yreka	Collector	2,500	-----	-----	-----	2017	153	1,465	-----	0.8%	1,465	153	1,465	built out - no growth			1,465
* East Oberlin Drive / Campbell Drive	Yreka	(intersection)																
EAST OBERLIN DRIVE (west of Campbell Road)	Yreka	City Arterial	5,000	-----	-----	-----	2017	292	2,795	-----	0.8%	5,068	292	2,795	2035	18	0.8%	5,853
EAST OBERLIN DRIVE (Campbell Road to Comstock Drive)	Yreka	City Arterial	5,000	-----	-----	-----	2017	139	1,331	-----	0.8%	3,604	139	1,331	2035	18	0.8%	4,162
EAST OBERLIN DRIVE (east of Comstock Drive)	Siskiyou	Major Collector	2,500	2001	2,464	-----	2017	55	527	16	0.8%	2,800	55	527	2035	18	0.8%	3,234
NORTH PROJECT ACCESS ROAD	KARUK																	
* NORTH PROJECT ACCESS / Sandpiper Court	KARUK	(intersection)																
SANDPIPER COURT (NORTH PROJECT ACCESS ROAD to Swallow Circle)	Yreka	Local Road	1,500	-----	-----	-----	2017	6	58	-----	0.8%	58	6	58	built out - no growth			58
* Sandpiper Court / Swallow Circle intersection	Yreka	(intersection)																
SWALLOW CIRCLE (Sandpiper Court to Dove Lane/Aspun Road)	Yreka	Local Road	1,500	-----	-----	-----	2017	11	106	-----	0.8%	106	11	106	built out - no growth			106
SANDPIPER COURT (Swallow Circle to Bluebird Street)	Yreka	Local Road	1,500	-----	-----	-----	2017	19	182	-----	0.8%	182	19	182	built out - no growth			182
BLUEBIRD STREET (Sandpiper Court to Dove Lane)	Yreka	Local Road	1,500	-----	-----	-----	2017	12	115	-----	0.8%	115	12	115	built out - no growth			115
* Sandpiper Court / Bluebird Lane intersection	Yreka	(intersection)																
SANDPIPER COURT (Bluebird Street to Campbell Road)	Yreka	Local Road	1,500	-----	-----	-----	2017	19	182	-----	0.8%	182	19	182	built out - no growth			182
* Campbell Road / Sandpiper Court intersection	Yreka	(intersection)																
CAMPBELL ROAD (Sandpiper Court to Dove Lane)	Yreka	Local Road	1,500	-----	-----	-----	2017	24	230	-----	0.8%	230	24	230	built out - no growth			230

Estimated Roadway Volumes

YREKA Scenario / Roadways & Intersections	PROJECT TRAFFIC			2017 + Project			2035 + Project		
	ADT	AM Pk hr	PM Pk hr	ADT	% Increase	Impact	ADT	% Increase	Impact
(YREKA) OOM SUBDIVISION TOTAL PROJECT TRAFFIC (10 d.u.'s)	96	8	10						
WEST PROJECT ACCESS ROAD	48	4	5						
* WEST PROJECT ACCESS / Oak Tree Ct / Apsuun	48	4	5						
APSUM ROAD (Oak Tree Court to Dove Lane)	48	4	5	355	15.6%	Insignificant (ADT < 1,500 vpd with PROJECT)	355	15.6%	Insignificant (ADT < 1,500 vpd with PROJECT)
* Apsun Road / Dove Lane / Swallow Circle intersection									
DOVE LANE (Apsun Road/Swallow Court to Bluebird Street)	72	6	7	580	14.2%	Insignificant (ADT < 1,500 vpd with PROJECT)	580	14.2%	Insignificant (ADT < 1,500 vpd with PROJECT)
* Dove Lane / Bluebird Street intersection									
DOVE LANE (Bluebird Street to Campbell Road)	77	7	8	843	10.1%	Insignificant (ADT < 1,500 vpd with PROJECT)	843	10.1%	Insignificant (ADT < 1,500 vpd with PROJECT)
* Campbell Road / Dove Lane intersection									
CAMPBELL DRIVE (Dove Lane to Comstock Drive)	96	8	10	2,250	4.5%	Insignificant (ADT < 2,500 vpd with PROJECT)	2,250	4.5%	Insignificant (ADT < 2,500 vpd with PROJECT)
* Campbell Road / Comstock Drive intersection									
COMSTOCK DRIVE (Dove Lane to Comstock Drive)	29	2	3	1,886	1.6%	Insignificant (ADT < 2,500 vpd with PROJECT)	1,886	1.6%	Insignificant (ADT < 2,500 vpd with PROJECT)
* East Oberlin Drive / Comstock Drive intersection									
CAMPBELL DRIVE (Comstock Drive to East Oberlin Drive)	67	6	7	1,532	4.6%	Insignificant (ADT < 2,500 vpd with PROJECT)	1,532	4.6%	Insignificant (ADT < 2,500 vpd with PROJECT)
* East Oberlin Drive / Campbell Drive									
EAST OBERLIN DRIVE (west of Campbell Road)	86	7	9	5,154	1.7%	Insignificant (<10% ADT Increase with PROJECT)	5,939	1.5%	Insignificant (<10% ADT Increase with PROJECT)
EAST OBERLIN DRIVE (Campbell Road to Comstock Drive)	19	1	2	3,623	0.5%	Insignificant (ADT < 5,000 vpd with PROJECT)	4,181	0.5%	Insignificant (ADT < 5,000 vpd with PROJECT)
EAST OBERLIN DRIVE (east of Comstock Drive)	10	1	1	2,810	0.4%	Insignificant (ADT < 5,000 vpd with PROJECT)	3,244	0.3%	Insignificant (ADT < 5,000 vpd with PROJECT)
NORTH PROJECT ACCESS ROAD	48	4	5						
* NORTH PROJECT ACCESS / Sandpiper Court	48	4	5						
SANDPIPER COURT (NORTH PROJECT ACCESS ROAD to Swallow Circle)	48	4	5	106	82.8%	Insignificant (ADT < 1500 vpd with PROJECT)	106	82.8%	Insignificant (ADT < 1500 vpd with PROJECT)
* Sandpiper Court / Swallow Circle intersection	48	4	5						
SWALLOW CIRCLE (Sandpiper Court to Dove Lane/Apsun Road)	24	2	3	130	22.6%	Insignificant (ADT < 1500 vpd with PROJECT)	130	22.6%	Insignificant (ADT < 1500 vpd with PROJECT)
SANDPIPER COURT (Swallow Circle to Bluebird Street)	24	2	3	206	13.2%	Insignificant (ADT < 1500 vpd with PROJECT)	206	13.2%	Insignificant (ADT < 1500 vpd with PROJECT)
BLUEBIRD STREET (Sandpiper Court to Dove Lane)	5	1	1	120	4.3%	Insignificant (ADT < 1500 vpd with PROJECT)	120	4.3%	Insignificant (ADT < 1500 vpd with PROJECT)
* Sandpiper Court / Bluebird Lane intersection									
SANDPIPER COURT (Bluebird Street to Campbell Road)	19	1	2	201	10.4%	Insignificant (ADT < 1500 vpd with PROJECT)	201	10.4%	Insignificant (ADT < 1500 vpd with PROJECT)
* Campbell Road / Sandpiper Court intersection									
CAMPBELL ROAD (Sandpiper Court to Dove Lane)	19	1	2	249	8.3%	Insignificant (ADT < 1500 vpd with PROJECT)	249	8.3%	Insignificant (ADT < 1500 vpd with PROJECT)

Estimated Roadway Volumes

Scenario / Roadways & Intersections	Jurisdiction	Existing		Recent Counts			2017 Calc'ed ADT			2035 Calc'ed ADT				
		Classification	Capacity	Year	ADT	Peak Hour	Years Growth	Annual Growth %	2017 ADT	Year	Years Growth	% Growth	2035 ADT	
HAPPY CAMP TOTAL PROJECT TRAFFIC (Skyline + Indian Meadows) (16 d.u.'s)	KARUK													
(HAPPY CAMP) SKYLINE SUBDIVISION - Near Term (4 d.u.'s)	KARUK													
(HAPPY CAMP) SKYLINE SUBDIVISION - Long Term (9 d.u.'s)	KARUK													
PROJECT ACCESS ROAD - SKYLINE COURT	KARUK													
*SKYLINE COURT / Hillside Road	Siskiyou	(intersection)												
*SR-96 / Hillside Road	Caltrans	(intersection)												
Hillside Road (PROJECT ACCESS ROAD to SR-96)	Siskiyou	Local Road	1,500	May 1987	89	-----	2017	30	0.4%	100	built out - no growth		100	
(HAPPY CAMP) INDIAN MEADOWS SUBDIVISION - Near Term (4 d.u.'s)	KARUK													
(HAPPY CAMP) INDIAN MEADOWS SUBDIVISION - Long Term (7 d.u.'s)	KARUK													
PROJECT ACCESS ROAD - INDIAN CREEK ROAD	KARUK													
INDIAN MEADOWS DRIVE (PROJECT to Indian Creek Road)	Siskiyou	Major Collector	2,500	May 1986	435	-----	2017	31	0.4%	492	built out - no growth		492	
* Indian Creek Road /Indian Meadows Drive	Siskiyou	(intersection)												
INDIAN CREEK ROAD (Indian Meadows Drive to Jacobs Way)	Siskiyou	Major Collector	2,500	Oct 1998	1,298	-----	2017	19	0.4%	1,400	2035	37	0.8%	1,745
* Indian Creek Road / Jacobs Way	Siskiyou	(intersection)												
INDIAN CREEK ROAD (Jacobs Way to Davis Road)	Siskiyou	Major Collector	2,500	-----	-----	-----	2017	-----	0.4%	1,400	2035	-----	0.4%	1,745
* Indian Creek Road / Davis Road	Siskiyou	(intersection)												
INDIAN CREEK ROAD (Davis Road to 2nd Avenue)	Siskiyou	Major Collector	2,500	Jun 1986	770	-----	2017	31	0.4%	872	2035	49	0.8%	1,140
* Indian Creek Road /2nd Avenue	Siskiyou	(intersection)												
INDIAN CREEK ROAD (2nd Avenue to SR-96)	Siskiyou	Local Road	1,500	-----	-----	-----	2017	-----	0.4%	872	2035	-----	0.4%	1,140
* SR-96 / Indian Creek Road	Caltrans	(intersection)												
JACOBS WAY (Indian Creek Road to SR-96)	Siskiyou	(Local Road)	1,500	-----	-----	-----	2017	-----	0.4%	1,000	2035	-----	0.4%	1,307
*SR-96/Jacobs Way	Caltrans	(intersection)												
DAVIS ROAD (Indian Creek Road to SR-96)	Siskiyou	Major Collector	2,500	Jun 1986	2,313	-----	2017	31	0.4%	2,618	2035	49	0.4%	2,814
*SR-96/Davis Road	Caltrans	(intersection)												
2nd AVENUE (Indian Creek Road to SR-96)	Siskiyou	Minor Collector	2,500	-----	-----	-----	2017	-----	0.4%	872	2035	-----	0.4%	937
*SR-96/2nd Avenue	Caltrans	(intersection)												
SR-96 (north of Jacobs Way)	Caltrans	Arterial	5,000	2015	760	100	2017	2	0.4%	766	2035	20	0.4%	823
SR-96 (Jacobs Way to Davis Road)	Caltrans	Arterial	5,000	2015	760	100	2017	2	0.4%	766	2035	20	0.4%	823
SR-96 (Davis Road to Reeves Street)	Caltrans	Arterial	5,000	2015	1,650	360	2017	2	0.4%	1,663	2035	20	0.4%	1,787
SR-96 (Reeves Street to Hillside Road)	Caltrans	Arterial	5,000	2015	1,750	400	2017	2	0.4%	1,764	2035	20	0.4%	1,896
SR-96 (Hillside Road to 2nd Avenue)	Caltrans	Arterial	5,000	2015	1,750	400	2017	2	0.4%	1,764	2035	20	0.4%	1,896
SR-96 (2nd Avenue to Indian Creek Road)	Caltrans	Arterial	5,000	2015	1,900	430	2017	2	0.4%	1,915	2035	20	0.4%	2,058
SR-96 (south of Indian Creek Road)	Caltrans	Arterial	5,000	2015	1,100	290	2017	2	0.4%	1,109	2035	20	0.4%	1,192

Estimated Roadway Volumes

HAPPY CAMP Scenario / Roadways & Intersections	PROJECT TRAFFIC			2017 + Project			2035 + Project		
	ADT	AM Pk hr	PM Pk hr	ADT	% Increase	Impact	ADT	% Increase	Impact
HAPPY CAMP TOTAL PROJECT TRAFFIC (Skyline + Indian Meadows) (16 d.u.'s)	153	13	16						
(HAPPY CAMP) SKYLINE SUBDIVISION - Near Term (4 d.u.'s)	38	3	4						
(HAPPY CAMP) SKYLINE SUBDIVISION - Long Term (9 d.u.'s)	86	7	9						
PROJECT ACCESS ROAD - SKYLINE COURT	86	7	9						
*SKYLINE COURT / Hillside Road	86	7	9						
*SR-96 / Hillside Road	86	7	9						
Hillside Road (PROJECT ACCESS ROAD to SR-96)	86	7	9	186	86.0%	Insignificant (ADT < 1500 vpd with PROJECT)	186	86.0%	Insignificant (ADT < 1500 vpd with PROJECT)
(HAPPY CAMP) INDIAN MEADOWS SUBDIVISION - Near Term (4 d.u.'s)	38	3	4						
(HAPPY CAMP) INDIAN MEADOWS SUBDIVISION - Long Term (7 d.u.'s)	67	6	7						
PROJECT ACCESS ROAD - INDIAN CREEK ROAD	67	6	7						
INDIAN MEADOWS DRIVE (PROJECT to Indian Creek Road)	67	6	7	559	13.6%	Insignificant (ADT < 5,000 vpd with PROJECT)	559	13.6%	Insignificant (ADT < 5,000 vpd with PROJECT)
* Indian Creek Road /Indian Meadows Drive	67	6	7						
INDIAN CREEK ROAD (Indian Meadows Drive to Jacobs Way)	68	6	7	1,468	4.9%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,813	3.9%	Insignificant (ADT < 5,000 vpd with PROJECT)
* Indian Creek Road / Jacobs Way									
INDIAN CREEK ROAD (Jacobs Way to Davis Road)	55	5	6	1,455	3.9%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,800	3.2%	Insignificant (ADT < 5,000 vpd with PROJECT)
* Indian Creek Road / Davis Road									
INDIAN CREEK ROAD (Davis Road to 2nd Avenue)	34	3	4	906	3.9%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,174	3.0%	Insignificant (ADT < 5,000 vpd with PROJECT)
* Indian Creek Road /2nd Avenue									
INDIAN CREEK ROAD (2nd Avenue to SR-96)	10	1	1	882	1.1%	Insignificant (ADT < 1500 vpd with PROJECT)	1,150	0.9%	Insignificant (ADT < 1500 vpd with PROJECT)
* SR-96 / Indian Creek Road									
JACOBS WAY (Indian Creek Road to SR-96)	13	1	1	1,013	1.3%	Insignificant (ADT < 1500 vpd with PROJECT)	1,320	1.0%	Insignificant (ADT < 1500 vpd with PROJECT)
*SR-96/Jacobs Way									
DAVIS ROAD (Indian Creek Road to SR-96)	30	3	4	2,648	1.1%	Insignificant (ADT < 5,000 vpd with PROJECT)	2,844	1.1%	Insignificant (ADT < 5,000 vpd with PROJECT)
*SR-96/Davis Road									
2nd AVENUE (Indian Creek Road to SR-96)	24	2	3	896	2.8%	Insignificant (ADT < 5,000 vpd with PROJECT)	961	2.6%	Insignificant (ADT < 5,000 vpd with PROJECT)
*SR-96/2nd Avenue									
SR-96 (north of Jacobs Way)	33	3	4	799	4.3%	Insignificant (ADT < 5,000 vpd with PROJECT)	856	4.0%	Insignificant (ADT < 5,000 vpd with PROJECT)
SR-96 (Jacobs Way to Davis Road)	20	2	3	786	2.6%	Insignificant (ADT < 5,000 vpd with PROJECT)	843	2.4%	Insignificant (ADT < 5,000 vpd with PROJECT)
SR-96 (Davis Road to Reeves Street)	44	3	5	1,707	2.6%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,831	2.5%	Insignificant (ADT < 5,000 vpd with PROJECT)
SR-96 (Reeves Street to Hillside Road)	46	5	5	1,810	2.6%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,942	2.4%	Insignificant (ADT < 5,000 vpd with PROJECT)
SR-96 (Hillside Road to 2nd Avenue)	46	4	6	1,810	2.6%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,942	2.4%	Insignificant (ADT < 5,000 vpd with PROJECT)
SR-96 (2nd Avenue to Indian Creek Road)	36	3	4	1,951	1.9%	Insignificant (ADT < 5,000 vpd with PROJECT)	2,094	1.7%	Insignificant (ADT < 5,000 vpd with PROJECT)
SR-96 (south of Indian Creek Road)	46	4	5	1,155	4.1%	Insignificant (ADT < 5,000 vpd with PROJECT)	1,238	3.9%	Insignificant (ADT < 5,000 vpd with PROJECT)

APPENDIX I

FARMLAND CONVERSION IMPACT RATING FORMS

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request January 19, 2017			
Name of Project Karuk Tribe Housing - Oom		Federal Agency Involved Bureau of Indian Affairs			
Proposed Land Use Residential		County and State Siskiyou County, California			
PART II (To be completed by NRCS)		Date Request Received By NRCS 1/19/2017		Person Completing Form: James R. Patterson	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %	Amount of Farmland As Defined in FPPA Acres: %			
Name of Land Evaluation System Used CIFF Farmland Type	Name of State or Local Site Assessment System	Date Land Evaluation Returned by NRCS 1/23/2017			
PART III (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly		15.77			
B. Total Acres To Be Converted Indirectly		0			
C. Total Acres In Site		20.37			
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		0			
B. Total Acres Statewide Important or Local Important Farmland		0			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		0			
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)		0			
PART VI (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>		Maximum Points	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160	0	0	0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	0	0	0
Total Site Assessment (From Part VI above or local site assessment)		160	0	0	0
TOTAL POINTS (Total of above 2 lines)		260	0	0	0
Site Selected:	Date Of Selection	Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>			
Reason For Selection:					
Name of Federal agency representative completing this form:		JAMES PATTERSON		Date: 1/23/2017	

(See Instructions on reverse side)

Digitally signed by JAMES PATTERSON
DN: cn=U.S. Govt, o=U.S. Government, ou=Department of Agriculture
c=US, email=JAMES.PATTERSON, o=9.2342.19200300.100.1.1=12001000175319
Date: 2017.01.23 11:30:47 -0800

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request January 19, 2017			
Name of Project Karuk Tribe Housing - Skyline/Hillside		Federal Agency Involved Bureau of Indian Affairs			
Proposed Land Use Residential		County and State Siskiyou County, California			
PART II (To be completed by NRCS)		Date Request Received By NRCS 1/19/2017		Person Completing Form: James R. Patterson	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %	Amount of Farmland As Defined in FPPA Acres: %			
Name of Land Evaluation System Used CIFF Farmland Type	Name of State or Local Site Assessment System	Date Land Evaluation Returned by NRCS 1/23/2017			
PART III (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly		4.14			
B. Total Acres To Be Converted Indirectly		0			
C. Total Acres In Site		4.14			
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		0			
B. Total Acres Statewide Important or Local Important Farmland		0			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		0			
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)		0			
PART VI (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>		Maximum Points	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160	0	0	0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	0	0	0
Total Site Assessment (From Part VI above or local site assessment)		160	0	0	0
TOTAL POINTS (Total of above 2 lines)		260	0	0	0
Site Selected:	Date Of Selection	Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>			
Reason For Selection:					

Name of Federal agency representative completing this form: **JAMES PATTERSON**

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0162342 1/2003001 001.1 1-2007000175319
04/04/2017 09:21 11-2646-0202

Date: **1/23/2017**

(See Instructions on reverse side)

Form AD-1006 (03-02)

FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request January 19, 2017			
Name of Project Karuk Tribe Housing - Evans/Tello		Federal Agency Involved Bureau of Indian Affairs			
Proposed Land Use Residential		County and State Siskiyou County, California			
PART II (To be completed by NRCS)		Date Request Received By NRCS 1/19/2017		Person Completing Form: James R. Patterson	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %	Amount of Farmland As Defined in FPPA Acres: %			
Name of Land Evaluation System Used CIFF Farmland Type	Name of State or Local Site Assessment System	Date Land Evaluation Returned by NRCS 1/23/2017			
PART III (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly		5.1			
B. Total Acres To Be Converted Indirectly		0			
C. Total Acres In Site		113.29			
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		0			
B. Total Acres Statewide Important or Local Important Farmland		0			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value		0			
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)		0			
PART VI (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>		Maximum Points	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160	0	0	0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	0	0	0
Total Site Assessment (From Part VI above or local site assessment)		160	0	0	0
TOTAL POINTS (Total of above 2 lines)		260	0	0	0
Site Selected:		Date Of Selection		Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Reason For Selection:					
Name of Federal agency representative completing this form: JAMES PATTERSON					
				Date: 1/23/2017	

(See Instructions on reverse side)

APPENDIX J

PHASE 1 HAZARDOUS MATERIALS EDR REPORTS

EVANS I, EVANS II, JOHNSON, TELLO

Indian Creek Road / Indian Meadows

Happy Camp, CA 96039

Inquiry Number: 4817159.2s

December 30, 2016

APNs:

016-010-100

016-010-460

016-010-400

016-531-330

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

INDIAN CREEK ROAD / INDIAN MEADOWS
HAPPY CAMP, CA 96039

COORDINATES

Latitude (North): 41.8070530 - 41° 48' 25.39"
Longitude (West): 123.3790470 - 123° 22' 44.56"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 468512.7
UTM Y (Meters): 4628210.0
Elevation: 1279 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5629851 SLATER BUTTE, CA
Version Date: 2012

West Map: 5629817 HAPPY CAMP, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140622
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 INDIAN CREEK ROAD / INDIAN MEADOWS
 HAPPY CAMP, CA 96039

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	STONE FOREST, HAPPY	HIGHWAY 96	WMUDS/SWAT	Lower	2110, 0.400, ESE
A2	SISKIYOU CO HAPPY CA	HIGHWAY 96	WMUDS/SWAT, LDS, WDS	Lower	2110, 0.400, ESE
3	PINE TREE SERVICE ST	63633 HIGHWAY 96	LUST, ENF, HIST CORTESE	Lower	2601, 0.493, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CA FID UST.....	Facility Inventory Database

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations

EXECUTIVE SUMMARY

FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines
ICE.....	ICE
ECHO.....	Enforcement & Compliance History Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PINE TREE SERVICE ST</i>	<i>63633 HIGHWAY 96</i>	<i>SSE 1/4 - 1/2 (0.493 mi.)</i>	<i>3</i>	<i>11</i>
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 11/01/2016				
Status: Completed - Case Closed				
Facility Id: 1T5I032				
Global Id: T0609300028				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STONE FOREST, HAPPY	HIGHWAY 96	ESE 1/4 - 1/2 (0.400 mi.)	A1	8
<i>SISKIYOU CO HAPPY CA</i>	<i>HIGHWAY 96</i>	<i>ESE 1/4 - 1/2 (0.400 mi.)</i>	<i>A2</i>	<i>9</i>

EXECUTIVE SUMMARY

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

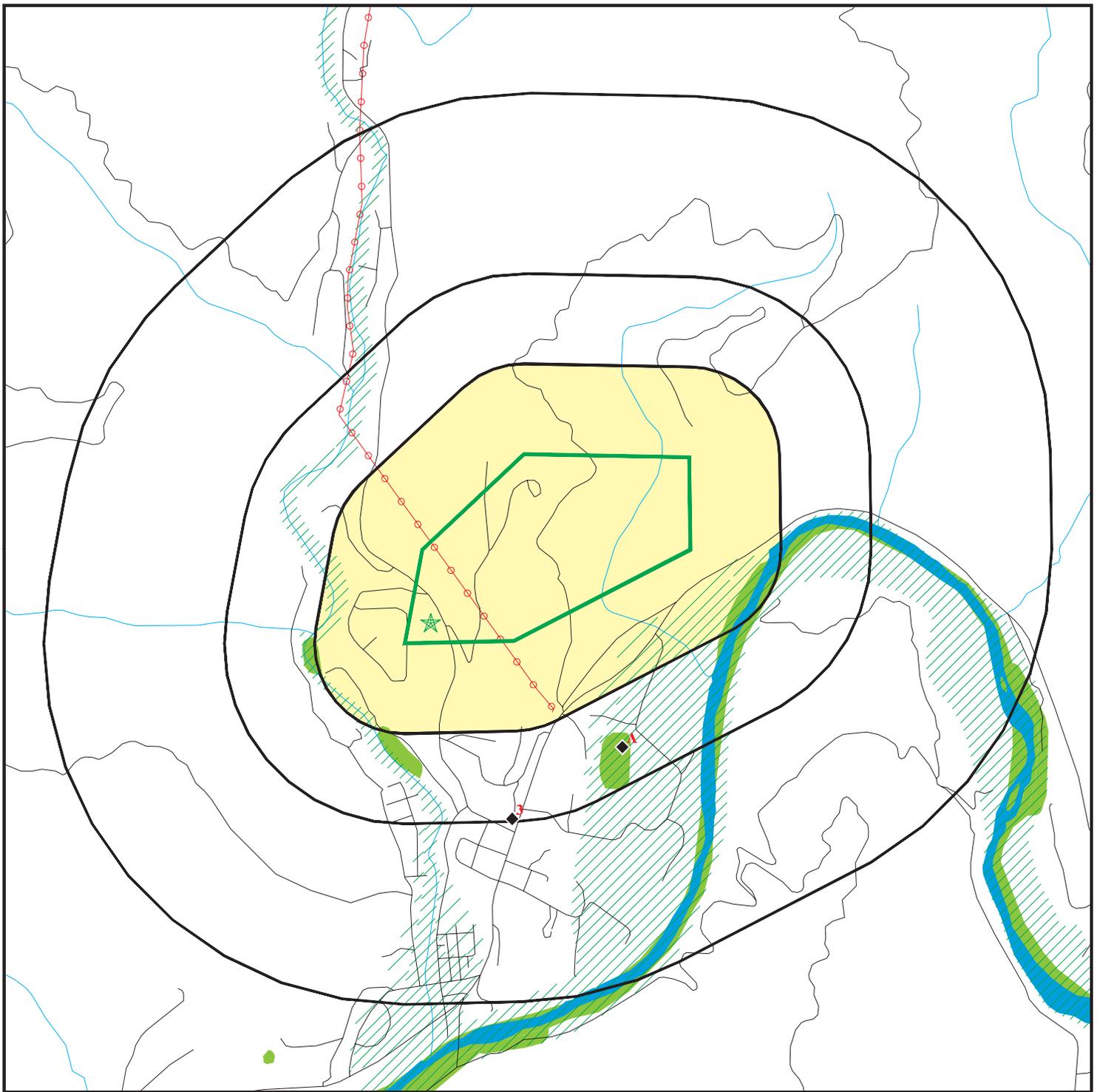
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PINE TREE SERVICE ST</i> Reg Id: 1TSL032	<i>63633 HIGHWAY 96</i>	<i>SSE 1/4 - 1/2 (0.493 mi.)</i>	<i>3</i>	<i>11</i>

EXECUTIVE SUMMARY

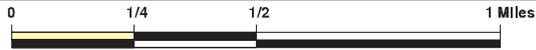
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<u>Site Name</u>	<u>Database(s)</u>
HAPPY CAMP HIGH SCHOOL	LUST

OVERVIEW MAP - 4817159.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

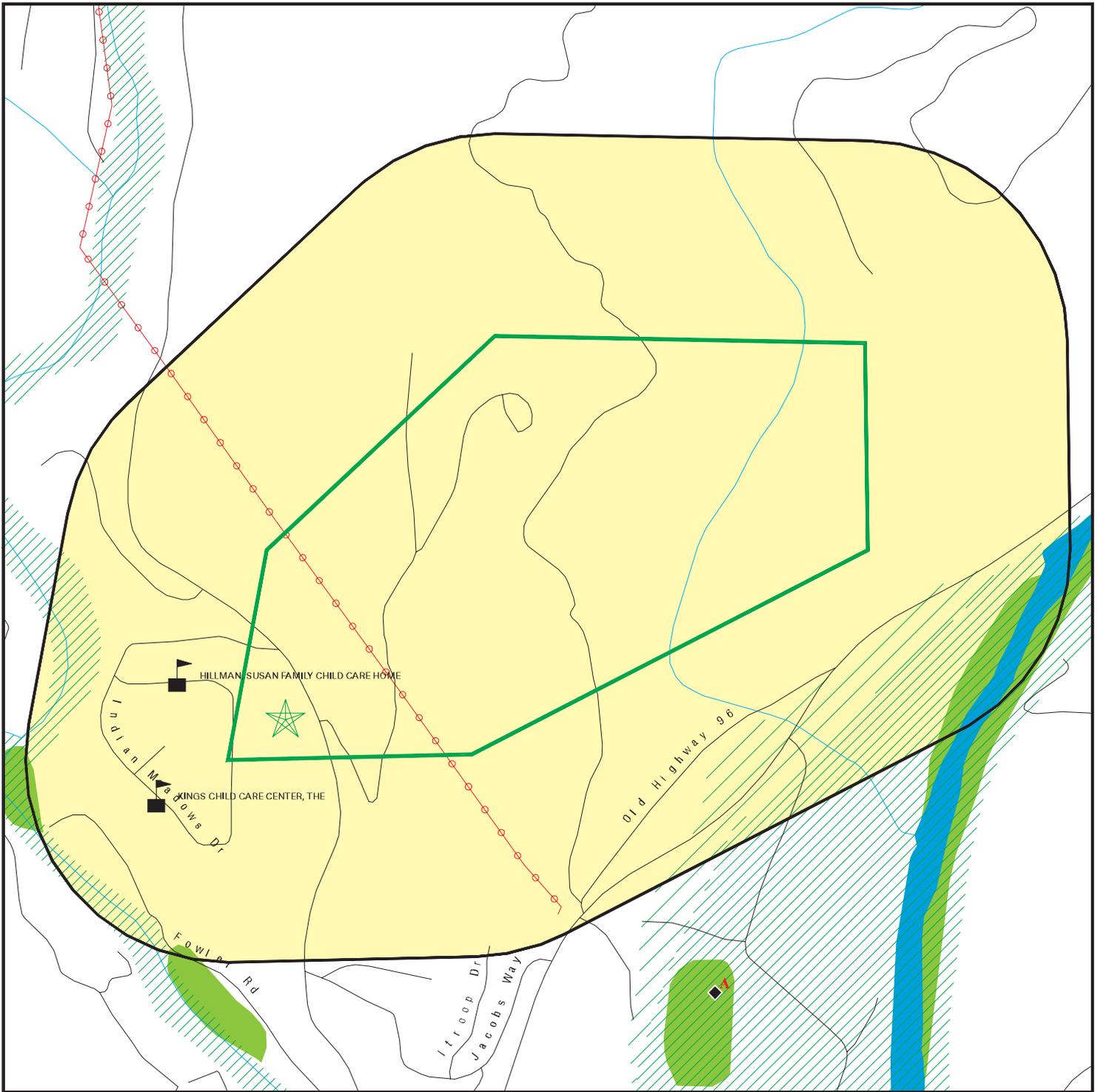


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: EVANS I, EVANS II, JOHNSON, TELLO
 ADDRESS: Indian Creek Road / Indian Meadows
 Happy Camp CA 96039
 LAT/LONG: 41.807053 / 123.379047

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817159.2s
 DATE: December 30, 2016 12:39 pm

DETAIL MAP - 4817159.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 Sensitive Receptors

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: EVANS I, EVANS II, JOHNSON, TELLO
 ADDRESS: Indian Creek Road / Indian Meadows
 Happy Camp CA 96039
 LAT/LONG: 41.807053 / 123.379047

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817159.2s
 DATE: December 30, 2016 12:39 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	2	NR	NR	2
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	0	0	4	0	0	4
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STONE FOREST, HAPPY CAMP WWDS (Continued)

S103442766

Self-Monitoring Rept. Frequency: Not reported
 Waste Discharge System ID: 1A890420NSI
 Solid Waste Information ID: Not reported

A2
ESE
1/4-1/2
0.400 mi.
2110 ft.

SISKIYOU CO HAPPY CAMP SWDS
HIGHWAY 96
HAPPY CAMP CA, CA 96097

WMUDS/SWAT
LDS
WDS

S103342276
N/A

Site 2 of 2 in cluster A

Relative:
Lower

WMUDS/SWAT:

Edit Date: Not reported
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

Actual:
1108 ft.

Primary Waste: SLDWST
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Base Meridian: Not reported

NPID: Not reported

Tonnage: 0

Regional Board ID: Not reported

Municipal Solid Waste: True

Superorder: True

Open To Public: False

Waste List: True

Agency Type: County

Agency Name: SISKIYOU CO DEPT PUBLIC WORKS

Agency Department: Not reported

Agency Address: 305 BUTTE ST

Agency City,St,Zip: YREKA CA 96097

Agency Contact: ROGER CUMMINS

Agency Telephone: 9168423531

Land Owner Name: Not reported

Land Owner Address: Not reported

Land Owner City,St,Zip: Not reported

Land Owner Contact: Not reported

Land Owner Phone: Not reported

Region: 1

Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.

Facility Description: Not reported

Facility Telephone: Not reported

SWAT Facility Name: Not reported

Primary SIC: 4953

Secondary SIC: Not reported

Comments: Not reported

Last Facility Editors: Not reported

Waste Discharge System: True

Solid Waste Assessment Test Program: True

Toxic Pits Cleanup Act Program: False

Resource Conservation Recovery Act: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SISKIYOU CO HAPPY CAMP SWDS (Continued)

S103342276

Department of Defence: False
Solid Waste Assessment Test Program: Not reported
Threat to Water Quality: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15: True
Regional Board Project Officer: Not reported
Number of WMUDS at Facility: 1
Section Range: Not reported
RCRA Facility: No
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 1A77010OSIS
Solid Waste Information ID: Not reported

LDS:

Global Id: L10005929186
Latitude: 41.80626
Longitude: -123.3692
Case Type: Land Disposal Site
Status: Open
Status Date: 01/01/1965
Lead Agency: NORTH COAST RWQCB (REGION 1)
Caseworker: LDP
Local Agency: Not reported
RB Case Number: 1A77010OSIS
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
EDR Link ID: L10005929186
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

WDS:

Facility ID: Kalamath River 77010OSIS
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: Not reported
Subregion: 1
Facility Telephone: Not reported
Facility Contact: ROGER CUMMINS
Agency Name: SISKIYOU CO DEPT PUBLIC WORKS
Agency Address: 305 BUTTE ST
Agency City,St,Zip: YREKA 96097
Agency Contact: ROGER CUMMINS
Agency Telephone: Not reported
Agency Type: County
SIC Code: 4953

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SISKIYOU CO HAPPY CAMP SWDS (Continued)

S103342276

SIC Code 2: Not reported
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
 Primary Waste: SLDWST
 Waste Type2: Not reported
 Waste2: Solid Wastes
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The facility is not a POTW.
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category B - Any physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

3
SSE
1/4-1/2
0.493 mi.
2601 ft.

PINE TREE SERVICE STATION
63633 HIGHWAY 96
HAPPY CAMP, CA 96039

LUST **S101304565**
ENF **N/A**
HIST CORTESE

Relative:
Lower

LUST:
 Region: STATE
 Global Id: T0609300028
 Latitude: 41.799214
 Longitude: -123.374757
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 02/27/2006
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Worker: ZZZ
 Local Agency: SISKIYOU COUNTY
 RB Case Number: 1TSI032
 LOC Case Number: Not reported
 File Location: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

Actual:
1174 ft.

[Click here to access the California GeoTracker records for this facility:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Contact:

Global Id: T0609300028
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Status History:

Global Id: T0609300028
Status: Completed - Case Closed
Status Date: 02/27/2006

Global Id: T0609300028
Status: Open - Case Begin Date
Status Date: 01/17/1989

Global Id: T0609300028
Status: Open - Site Assessment
Status Date: 01/17/1989

Global Id: T0609300028
Status: Open - Site Assessment
Status Date: 07/28/1993

Global Id: T0609300028
Status: Open - Site Assessment
Status Date: 06/14/2001

Regulatory Activities:

Global Id: T0609300028
Action Type: ENFORCEMENT
Date: 02/27/2006
Action: Closure/No Further Action Letter

Global Id: T0609300028
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609300028
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609300028
Action Type: Other
Date: 01/17/1989
Action: Leak Stopped

Global Id: T0609300028
Action Type: Other
Date: 01/17/1989
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Global Id: T0609300028
Action Type: ENFORCEMENT
Date: 03/31/1989
Action: * Historical Enforcement

Global Id: T0609300028
Action Type: Other
Date: 01/17/1989
Action: Leak Discovery

LUST REG 1:

Region: 1
Facility ID: 1TSI032
Staff Initials: CSW

ENF:

Region: 1
Facility Id: 248434
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 41.799220
Place Longitude: -123.374750
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: TANKS
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224618
Region:	1
Order / Resolution Number:	LT980417
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/17/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING SUBMITTAL OF NEXT PHASE OF WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220326
Region:	1
Order / Resolution Number:	LT950406

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/06/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/06/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING COMMENTS BE ADDRESSED.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219908
Region:	1
Order / Resolution Number:	LT951205
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/05/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/05/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING SUBMITTAL OF RESULTS OF FIELD WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Enforcement Id(EID):	241265
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/02/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/02/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	WORKPLAN DUE 5/10/02.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223208
Region:	1
Order / Resolution Number:	LT940802
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/02/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/02/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	47

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Reg By: LTNKA
Reg Id: 1TSI032

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
HAPPY CAMP	S104163885	HAPPY CAMP HIGH SCHOOL	INDIAN CREEK ROAD 234		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/29/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/15/2016

Date Data Arrived at EDR: 08/16/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/15/2016

Next Scheduled EDR Contact: 02/27/2017

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 11/01/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/2016	Telephone: see region list
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/22/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/01/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/02/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/04/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 10/20/2016
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/27/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/03/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 10/26/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016
Date Data Arrived at EDR: 08/17/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 12/05/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 42

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/10/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/16/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 59

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 9

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/10/2016
Number of Days to Update: 47

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 11/01/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

FRESNO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 71

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 6

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 58

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/18/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/17/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 10/24/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 10/07/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/18/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/22/2016	Telephone: 559-675-7823
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/26/2016	Telephone: 415-499-6647
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 09/29/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 32

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 44

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 53

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/09/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 51

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 21

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 45

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 73

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/19/2016
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/21/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/06/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 12/02/2016
Number of Days to Update: 87

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/12/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 49

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/28/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 08/01/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 09/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/24/2016	Telephone: 530-666-8646
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 11/14/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/03/2016	Telephone: 530-749-7523
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 10/31/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 08/31/2016
Date Made Active in Reports: 12/12/2016
Number of Days to Update: 103

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EVANS I, EVANS II, JOHNSON, TELLO
INDIAN CREEK ROAD / INDIAN MEADOWS
HAPPY CAMP, CA 96039

TARGET PROPERTY COORDINATES

Latitude (North): 41.807053 - 41° 48' 25.39"
Longitude (West): 123.379047 - 123° 22' 44.57"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 468512.7
UTM Y (Meters): 4628210.0
Elevation: 1279 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5629851 SLATER BUTTE, CA
Version Date: 2012

West Map: 5629817 HAPPY CAMP, CA
Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

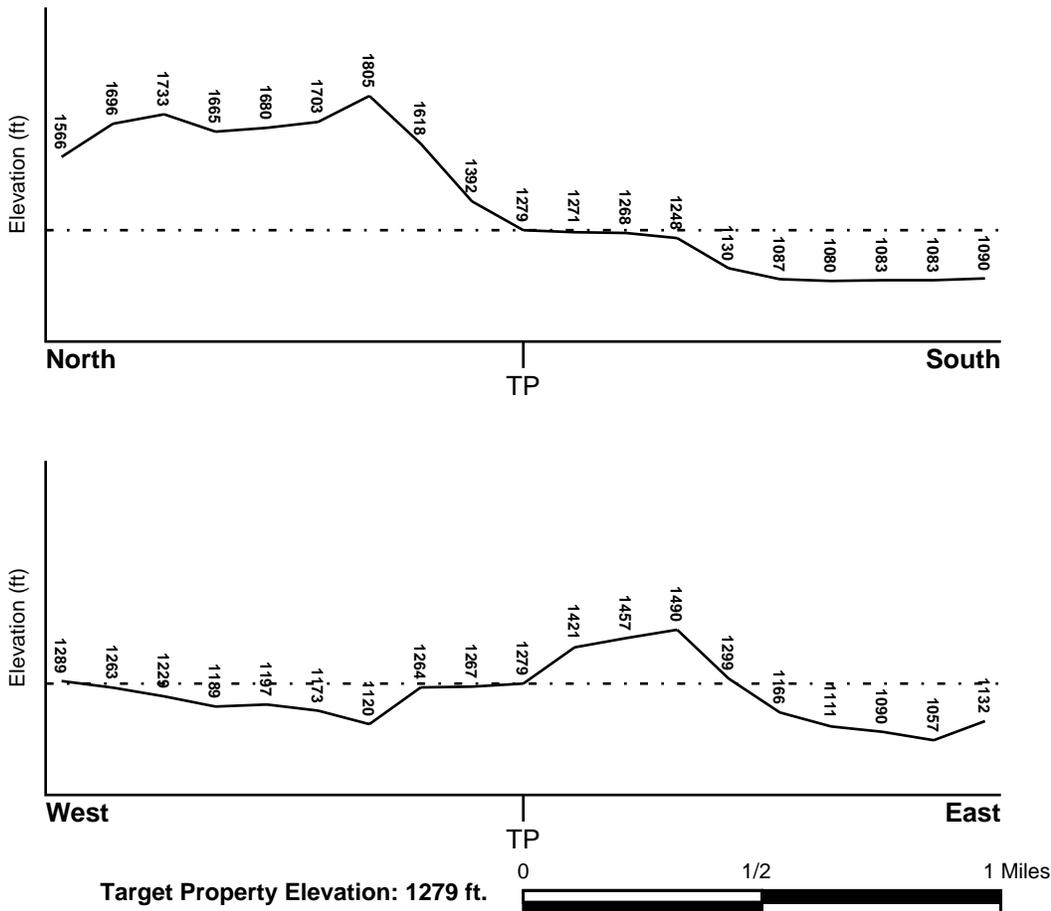
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06093C0945D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06093C0935D	FEMA FIRM Flood data
06093C0955D	FEMA FIRM Flood data
06093C0965D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
HAPPY CAMP	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Triassic
Series: Triassic and Permian
Code: TrPe (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: XEROFLUVENTS

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
2	10 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: very gravelly - sand
gravelly - loam
extremely gravelly - loamy sand

Surficial Soil Types: very gravelly - sand
gravelly - loam
extremely gravelly - loamy sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: very gravelly - sandy clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

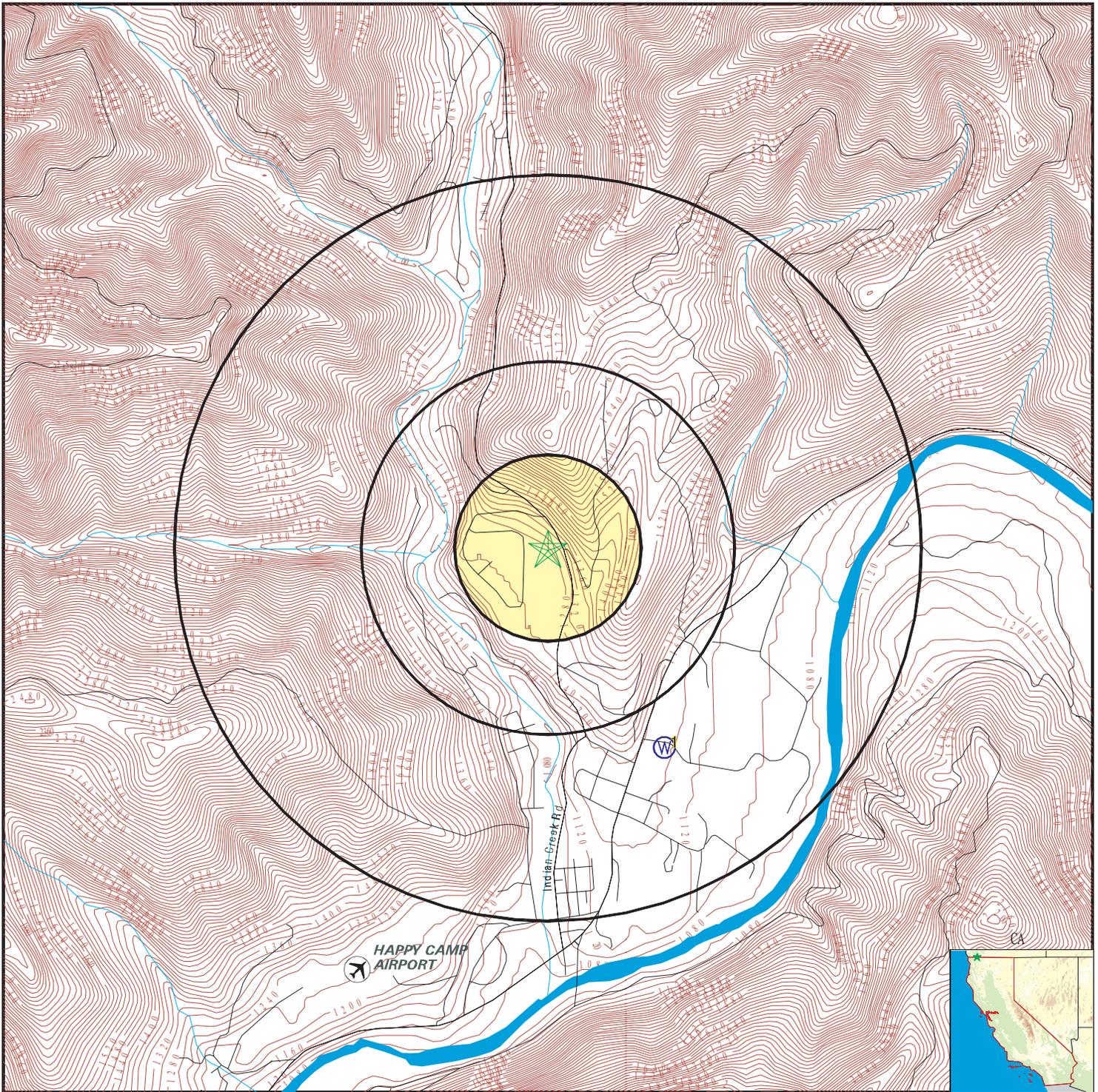
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADW60000006184	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 4817159.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: EVANS I, EVANS II, JOHNSON, TELLO
 ADDRESS: Indian Creek Road / Indian Meadows
 Happy Camp CA 96039
 LAT/LONG: 41.807053 / 123.379047

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817159.2s
 DATE: December 30, 2016 12:39 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	SSE	1/2 - 1 Mile	Lower	CA WELLS	CADW60000006184

Objectid: 6184
 Latitude: 41.7993
 Longitude: -123.373
 Site code: 417993N1233730W001
 State well numbe: Not Reported
 Local well name: 'HC01'
 Well use id: 7
 Well use descrip: Other
 County id: 47
 County name: Siskiyou
 Basin code: '1-15'
 Basin desc: Happy Camp Town Area
 Dwr region id: 80235
 Dwr region: Northern Region Office
 Site id: CADW60000006184

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
96039	2	0

Federal EPA Radon Zone for SISKIYOU County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SISKIYOU COUNTY, CA

Number of sites tested: 23

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.470 pCi/L	100%	0%	0%
Living Area - 2nd Floor	1.200 pCi/L	100%	0%	0%
Basement	3.367 pCi/L	67%	33%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

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EVANS I, EVANS II, JOHNSON, TELLO

Indian Creek Road / Indian Meadows

Happy Camp, CA 96039

Inquiry Number: 4817159.3

December 30, 2016

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/30/16

Site Name:

EVANS I, EVANS II, JOHNSOI
Indian Creek Road / Indian Me:
Happy Camp, CA 96039
EDR Inquiry # 4817159.3

Client Name:

Karuk Tribe Housing Authority
PO Box 1159
Happy Camp, CA 96039
Contact: Sara Spence



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Karuk Tribe Housing Authority were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 7FD9-4063-A137

PO # NA

Project FTT

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 7FD9-4063-A137

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Oom & Road Entrance

Not Reported

Yreka, CA 96097

Inquiry Number: 4817163.2s

December 30, 2016

APNs:

013-120-420

062-151-250

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NOT REPORTED
YREKA, CA 96097

COORDINATES

Latitude (North): 41.7030240 - 41° 42' 10.88"
Longitude (West): 122.6148090 - 122° 36' 53.31"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 532049.4
UTM Y (Meters): 4616663.0
Elevation: 2915 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602338 MONTAGUE, CA
Version Date: 2012

West Map: 5603440 YREKA, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140707
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
NOT REPORTED
YREKA, CA 96097

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1		1711 SANDPIPER CT	EDR Hist Auto	Lower	1 ft.
2	BSB CINDER COMPANY	1710 ALDERWOOD LANE	HIST UST	Lower	1009, 0.191, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

EXECUTIVE SUMMARY

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing
CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines
ICE.....	ICE
ECHO.....	Enforcement & Compliance History Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BSB CINDER COMPANY Facility Id: 00000001758	1710 ALDERWOOD LANE	E 1/8 - 1/4 (0.191 mi.)	2	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1711 SANDPIPER CT	0 - 1/8 (0.000 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

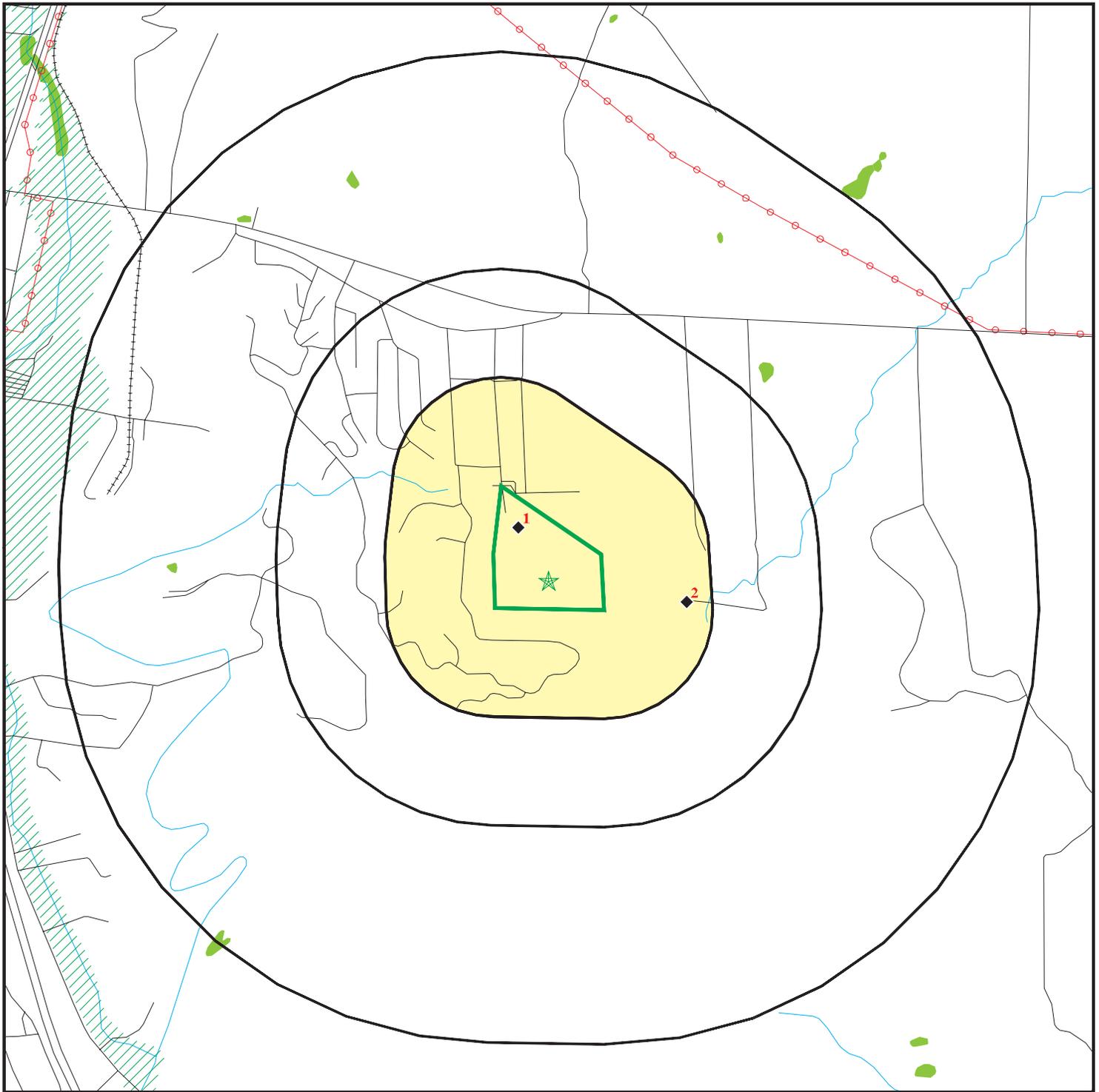
Site Name

USFS GUNSIGHT PEAK
SISKIYOU PLANING MILL

Database(s)

LUST, HIST CORTESE
ENVIROSTOR

OVERVIEW MAP - 4817163.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites



 Indian Reservations BIA

 Power transmission lines

 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Areas of Concern

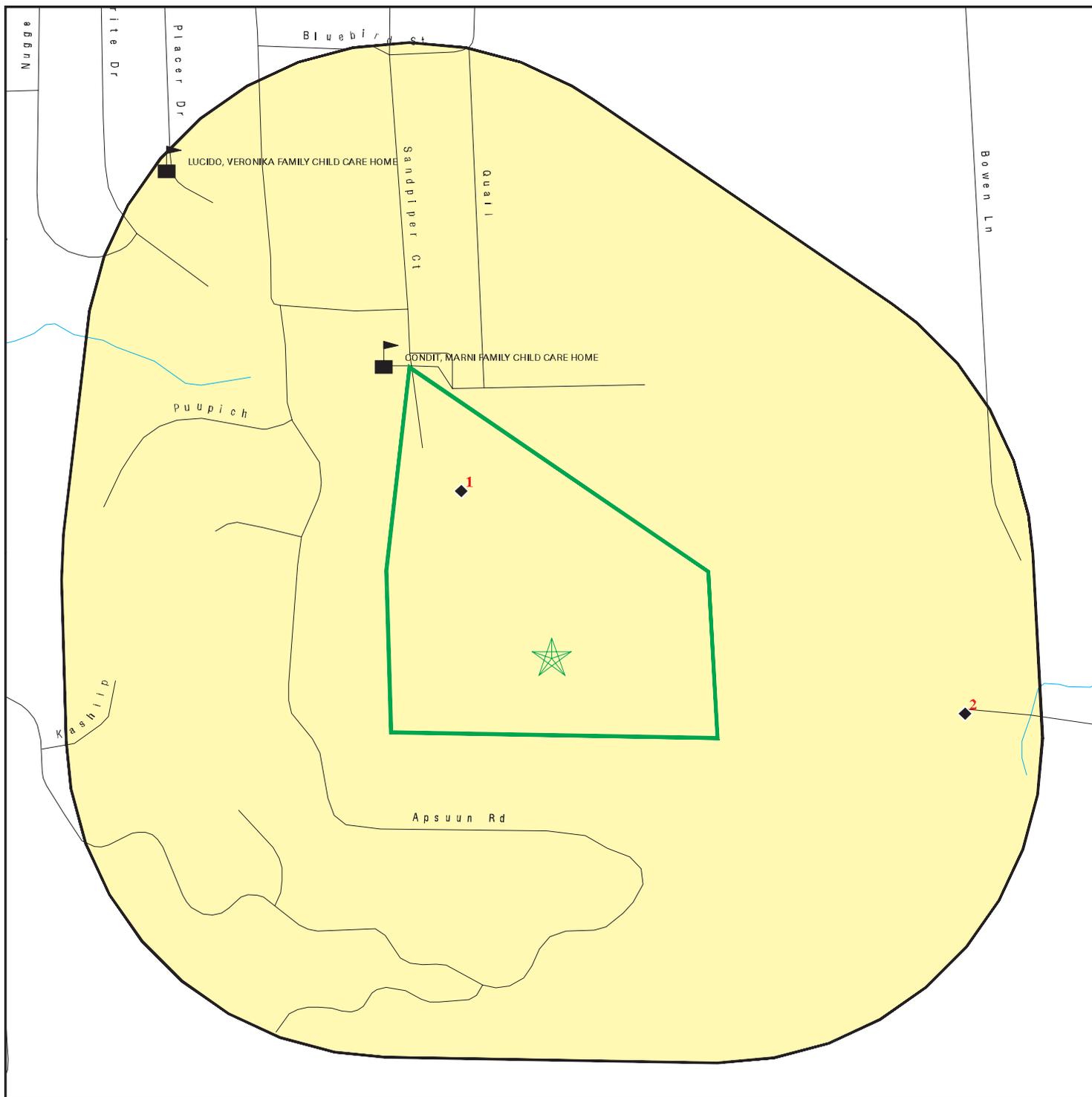


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

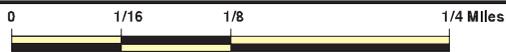
SITE NAME: Oom & Road Entrance
 ADDRESS: Not Reported
 Yreka CA 96097
 LAT/LONG: 41.703024 / 122.614809

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817163.2s
 DATE: December 30, 2016 12:43 pm

DETAIL MAP - 4817163.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Oom & Road Entrance
 ADDRESS: Not Reported
 Yreka CA 96097
 LAT/LONG: 41.703024 / 122.614809

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817163.2s
 DATE: December 30, 2016 12:44 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	1	1	0	0	0	2
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1

< 1/8
1 ft.

**1711 SANDPIPER CT
YREKA, CA 96097**

EDR Hist Auto

**1015268029
N/A**

EDR Historical Auto Stations:

**Relative:
Lower**

Name: ABES BILT RIGHT TRANSMISSIONS
Year: 2005
Address: 1711 SANDPIPER CT

**Actual:
2877 ft.**

2

**East
1/8-1/4
0.191 mi.
1009 ft.**

**BSB CINDER COMPANY
1710 ALDERWOOD LANE
YREKA, CA 96097**

HIST UST

**U001619910
N/A**

**Relative:
Lower**

HIST UST:

File Number: 0002100B
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002100B.pdf>
Region: STATE
Facility ID: 00000001758
Facility Type: Other
Other Type: TRUCK REPAIR SHOP
Contact Name: JOE BARBARA
Telephone: 9168423161
Owner Name: BSB CINDER COMPANY
Owner Address: PO BOX 524
Owner City,St,Zip: YREKA, .L 097
Total Tanks: 0001

**Actual:
2755 ft.**

Tank Num: 001
Container Num: BSB-0001
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
YREKA	S102440611	USFS GUNSIGHT PEAK	GUNSIGHT RIDGE	96097	LUST, HIST CORTESE
YREKA	S100186351	SISKIYOU PLANING MILL	OBERLIN ROAD	96097	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/29/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/15/2016

Date Data Arrived at EDR: 08/16/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/15/2016

Next Scheduled EDR Contact: 02/27/2017

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 11/01/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/2016	Telephone: see region list
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/22/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/01/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/02/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/04/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 10/20/2016
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/27/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/03/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 10/26/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016
Date Data Arrived at EDR: 08/17/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 12/05/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 42

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/10/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/16/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 59

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 9

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/10/2016
Number of Days to Update: 47

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 11/01/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

FRESNO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 71

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 6

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 58

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/18/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/17/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 10/24/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 10/07/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/18/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/22/2016	Telephone: 559-675-7823
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/26/2016	Telephone: 415-499-6647
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 09/29/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 32

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 44

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 53

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/09/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 51

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/18/2016	Telephone: 951-358-5055
Date Made Active in Reports: 08/08/2016	Last EDR Contact: 12/19/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 11/18/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 12/16/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 09/07/2016	Telephone: 909-387-3041
Date Made Active in Reports: 10/19/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/24/2013	Telephone: 619-338-2268
Date Made Active in Reports: 10/17/2013	Last EDR Contact: 12/06/2016
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/21/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/06/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 12/02/2016
Number of Days to Update: 87

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/12/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 49

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/28/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 08/01/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 09/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/24/2016	Telephone: 530-666-8646
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 11/14/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/03/2016	Telephone: 530-749-7523
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 10/31/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 08/31/2016
Date Made Active in Reports: 12/12/2016
Number of Days to Update: 103

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OOM & ROAD ENTRANCE
NOT REPORTED
YREKA, CA 96097

TARGET PROPERTY COORDINATES

Latitude (North):	41.703024 - 41° 42' 10.89"
Longitude (West):	122.614809 - 122° 36' 53.31"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	532049.4
UTM Y (Meters):	4616663.0
Elevation:	2915 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5602338 MONTAGUE, CA
Version Date:	2012
West Map:	5603440 YREKA, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

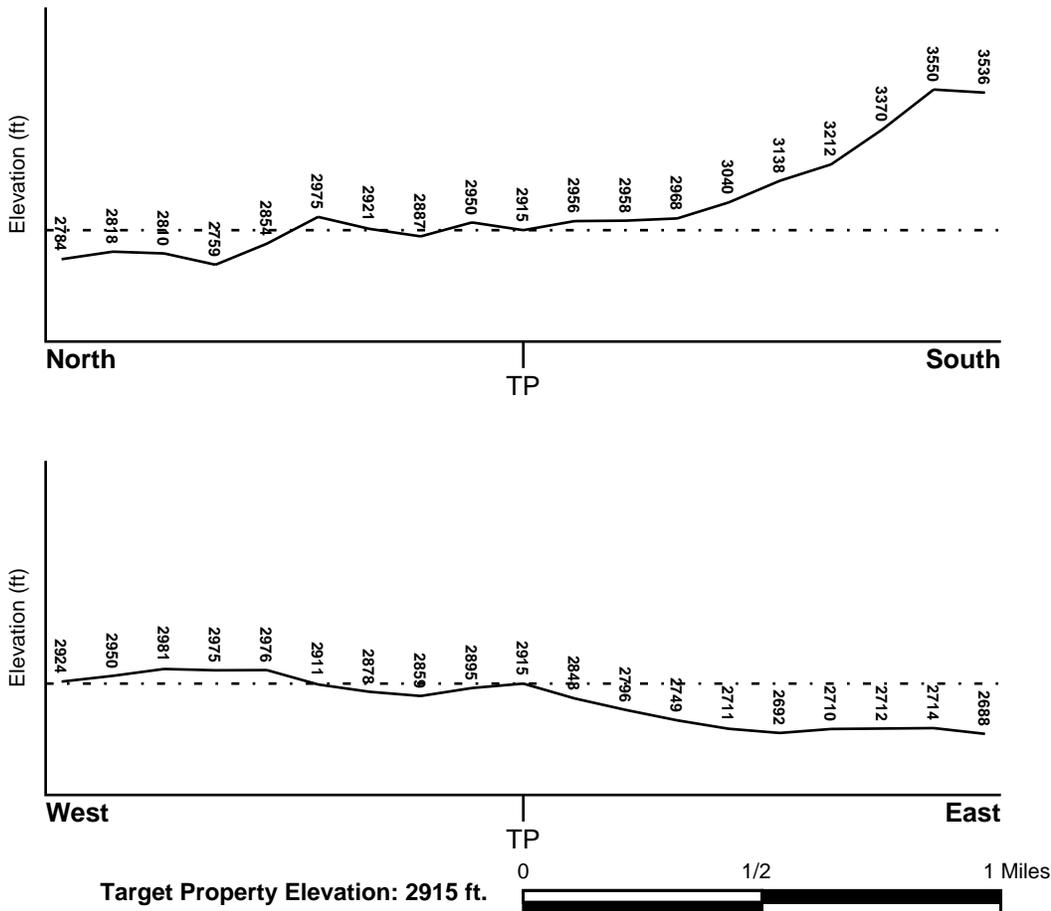
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06093C1600D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06093C1559D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MONTAGUE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

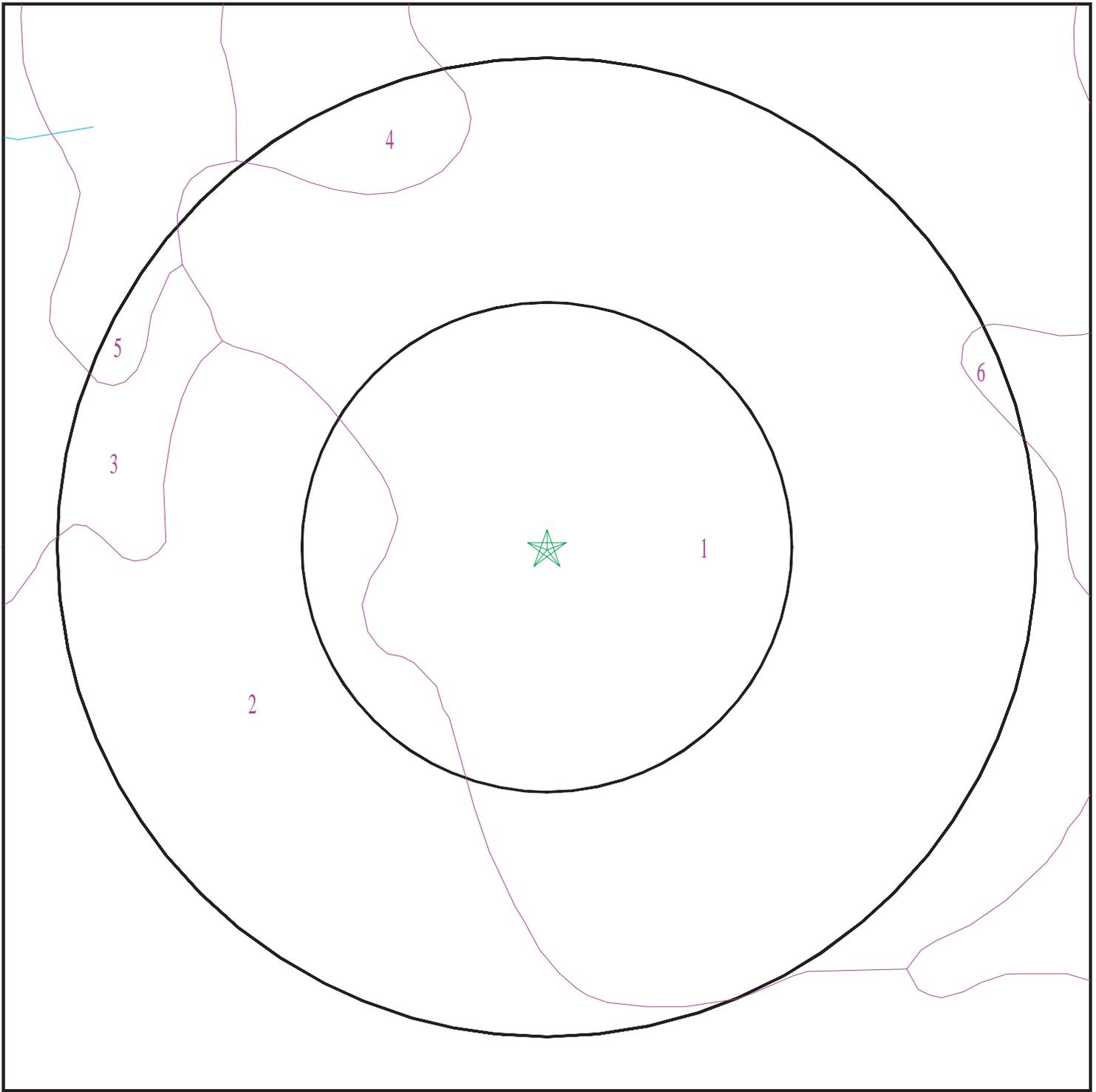
Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK <i>(decoded above as Era, System & Series)</i>

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4817163.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Oom & Road Entrance
ADDRESS: Not Reported
Yreka CA 96097
LAT/LONG: 41.703024 / 122.614809

CLIENT: Karuk Tribe Housing Authority
CONTACT: Sara Spence
INQUIRY #: 4817163.2s
DATE: December 30, 2016 12:44 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: HILT

Soil Surface Texture: stony sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	stony sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	11 inches	38 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
3	38 inches	46 inches	weathered bedrock	Not reported	Not reported	Max: 0 Min: 0	Max: Min:
4	46 inches	51 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: DUZEL

Soil Surface Texture: gravelly loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 36 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	12 inches	29 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6
3	29 inches	38 inches	very gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6
4	38 inches	42 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: FACEY

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 150 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
3	59 inches	62 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: HILT

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	11 inches	38 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
3	38 inches	46 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:
4	46 inches	51 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: STONER

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	11 inches	35 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 6.5 Min: 5.6
3	35 inches	59 inches	very gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 6.5 Min: 5.6

Soil Map ID: 6

Soil Component Name: DUZEL

Soil Surface Texture: gravelly loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	12 inches	29 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6
3	29 inches	38 inches	very gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.8 Min: 5.6
4	38 inches	42 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000195064	1/4 - 1/2 Mile East
A2	USGS40000195075	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000195074	1/2 - 1 Mile NNE
4	USGS40000195076	1/2 - 1 Mile NNW
5	USGS40000195081	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

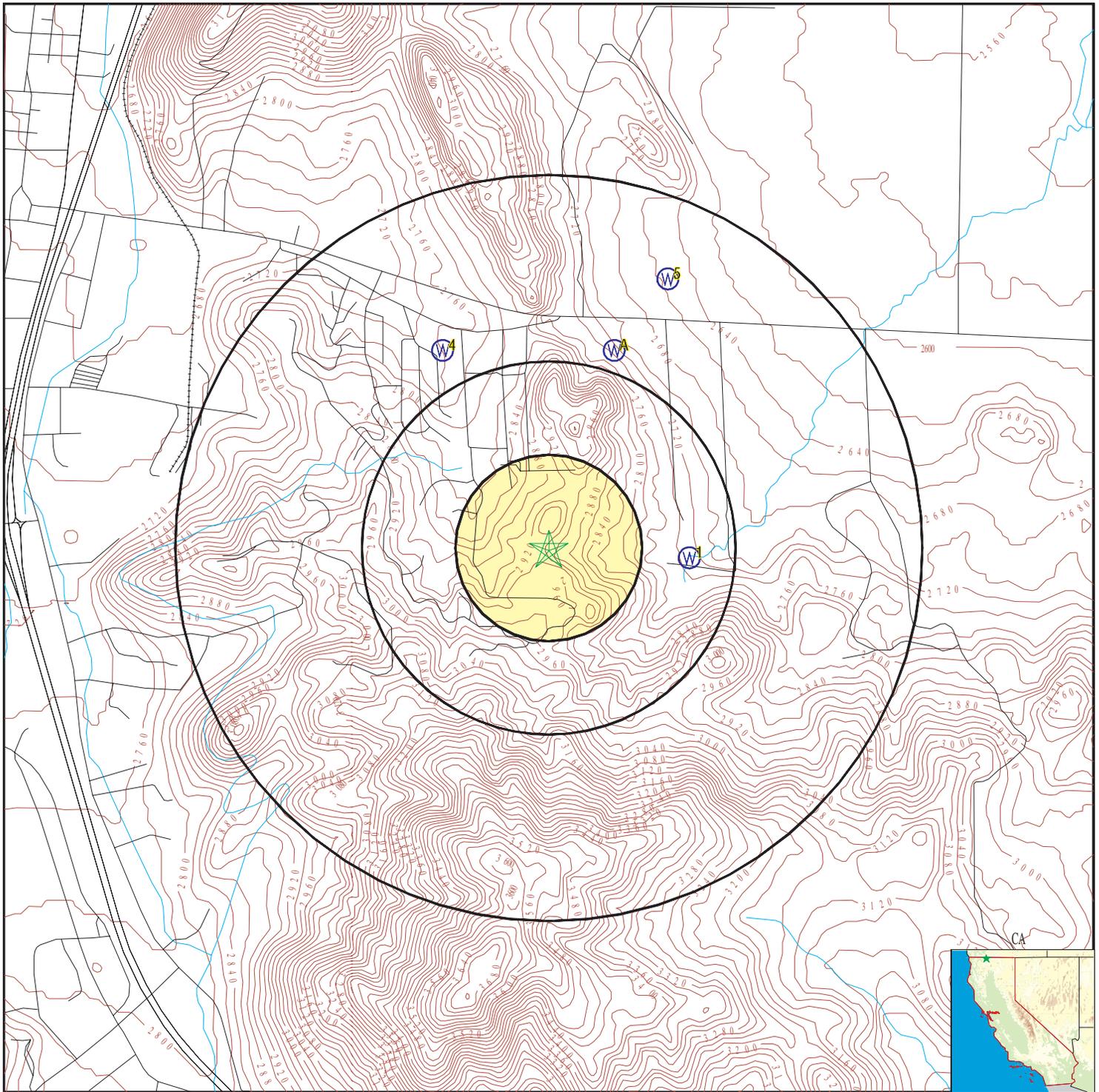
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4817163.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Oom & Road Entrance
 ADDRESS: Not Reported
 Yreka CA 96097
 LAT/LONG: 41.703024 / 122.614809

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817163.2s
 DATE: December 30, 2016 12:44 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
East **FED USGS** **USGS40000195064**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-414210122362301		
Monloc name:	045N007W36L001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010207	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.7026418
Longitude:	-122.6075254	Sourcemap scale:	62500
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2640.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Pacific Northwest basin-fill aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19170101	Welldepth:	16
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1953-04-01	8.00	

A2
NNE **FED USGS** **USGS40000195075**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-414239122363702		
Monloc name:	045N007W36D002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010207	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.7106972
Longitude:	-122.6114144	Sourcemap scale:	62500
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2685.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Pacific Northwest basin-fill aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	19540101	Wellholeddepth:	307
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

A3
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40000195074

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-414239122363701		
Monloc name:	045N007W36D001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010207	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.7106972
Longitude:	-122.6114144	Sourcemap scale:	62500
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2685.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Pacific Northwest basin-fill aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19510601	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	400
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

4
NNW
1/2 - 1 Mile
Lower

FED USGS USGS40000195076

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-414239122370901		
Monloc name:	045N007W35B001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010207	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.710697
Longitude:	-122.6203036	Sourcemap scale:	62500
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2765.00
Vert measure units:	feet	Vertacc measure val:	50
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Pacific Northwest basin-fill aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	38
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1954-06-01	4.00	

5
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40000195081

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-414249122362701		
Monloc name:	045N007W25N002M		
Monloc type:	Well		
Monloc desc:	THIS IS A SUMP		
Huc code:	18010207	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	41.713475
Longitude:	-122.6086366	Sourcemap scale:	62500
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Pacific Northwest basin-fill aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1954-05-01	4.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
96097	9	0

Federal EPA Radon Zone for SISKIYOU County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96097

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Oom & Road Entrance

Not Reported

Yreka, CA 96097

Inquiry Number: 4817163.3

December 30, 2016

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/30/16

Site Name:

Oom & Road Entrance
Not Reported
Yreka, CA 96097
EDR Inquiry # 4817163.3

Client Name:

Karuk Tribe Housing Authority
PO Box 1159
Happy Camp, CA 96039
Contact: Sara Spence



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Karuk Tribe Housing Authority were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 32A3-464D-91A3

PO # NA

Project FTT

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 32A3-464D-91A3

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Grunbaum, Skyline, Hillside

Not Reported

Happy Camp, CA 96039

Inquiry Number: 4817159.16s

December 30, 2016

APNs:

016-412-240

016-412-340

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NOT REPORTED
HAPPY CAMP, CA 96039

COORDINATES

Latitude (North): 41.7931470 - 41° 47' 35.32"
Longitude (West): 123.3736170 - 123° 22' 25.02"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 468957.0
UTM Y (Meters): 4626664.0
Elevation: 1129 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5629851 SLATER BUTTE, CA
Version Date: 2012

West Map: 5629817 HAPPY CAMP, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140622
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 NOT REPORTED
 HAPPY CAMP, CA 96039

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1		63843 STATE HIGHWAY	EDR Hist Auto	Higher	450, 0.085, NNW
A2		64117 2 AVE	EDR Hist Auto	Lower	601, 0.114, West
A3	JOHN'S REPAIR	64117 2ND	HIST UST, HIST CORTESE	Lower	601, 0.114, West
A4	JOHN'S REPAIR	64117 SECOND STREET	LUST	Lower	601, 0.114, West
A5	USDA BUZZARD HILL MI		SLIC	Lower	651, 0.123, West
B6	HAPPY CAMP HIGH SCHO	234 INDIAN CREEK ROA	HIST UST	Lower	863, 0.163, WNW
B7	HAPPY CAMP HIGH SCHO	234 INDIAN CREEK RD.	AST	Lower	863, 0.163, WNW
B8	HAPPY CAMP HIGH SCHO	234 INDIAN CREEK ROA	LUST, HIST CORTESE	Lower	863, 0.163, WNW
C9	CONNOR CARDLOCK	HIGHWAY 96 63708	LUST	Higher	1144, 0.217, North
C10	CHEVRON USA INC HAPP	E OF STATE 96	RCRA-SQG, LUST, HIST CORTESE	Higher	1249, 0.237, North
C11	HAPPY CAMP CHEVRON	HIGHWAY 96 & DAVIS R	SWEEPS UST	Higher	1254, 0.237, North
12	CONNOR CARDLOCK	63708 96	LUST, ENF, HIST CORTESE	Higher	1430, 0.271, North
13	PINE TREE SERVICE ST	63633 HIGHWAY 96	LUST, ENF, HIST CORTESE	Higher	1450, 0.275, North
D14	USFS LOWER STATION	SECOND AVENUE 64309	LUST	Lower	1661, 0.315, West
D15	USFS LOWER STATION	64309 SECOND AVENUE	LUST, HIST CORTESE	Lower	1729, 0.327, West
16	SOUTHWEST FOREST IND		SLIC	Higher	1991, 0.377, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST.....	Facility Inventory Database
-----------------	-----------------------------

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines
ICE.....	ICE
ECHO.....	Enforcement & Compliance History Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/21/2016 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON USA INC HAPP	E OF STATE 96	N 1/8 - 1/4 (0.237 mi.)	C10	14

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONNOR CARDLOCK Database: LUST REG 1, Date of Government Version: 02/01/2001 Facility Id: 1TSI145	HIGHWAY 96 63708	N 1/8 - 1/4 (0.217 mi.)	C9	14
CHEVRON USA INC HAPP Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 11/01/2016 Status: Completed - Case Closed Facility Id: 1TSI113 Global Id: T0609300083	E OF STATE 96	N 1/8 - 1/4 (0.237 mi.)	C10	14
CONNOR CARDLOCK Database: LUST, Date of Government Version: 11/01/2016 Status: Completed - Case Closed Global Id: T0609300115	63708 96	N 1/4 - 1/2 (0.271 mi.)	12	19
PINE TREE SERVICE ST Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 11/01/2016 Status: Completed - Case Closed Facility Id: 1TSI032 Global Id: T0609300028	63633 HIGHWAY 96	N 1/4 - 1/2 (0.275 mi.)	13	22
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN'S REPAIR Database: LUST, Date of Government Version: 11/01/2016	64117 SECOND STREET	W 0 - 1/8 (0.114 mi.)	A4	9

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAPPY CAMP CHEVRON Status: A Tank Status: A Comp Number: 38622	HIGHWAY 96 & DAVIS R	N 1/8 - 1/4 (0.237 mi.)	C11	17

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN'S REPAIR Facility Id: 00000012981	64117 2ND	W 0 - 1/8 (0.114 mi.)	A3	8
HAPPY CAMP HIGH SCHO Facility Id: 00000063464	234 INDIAN CREEK ROA	WNW 1/8 - 1/4 (0.163 mi.)	B6	11

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 6 HIST CORTESE sites within approximately 0.5 miles of the target property.

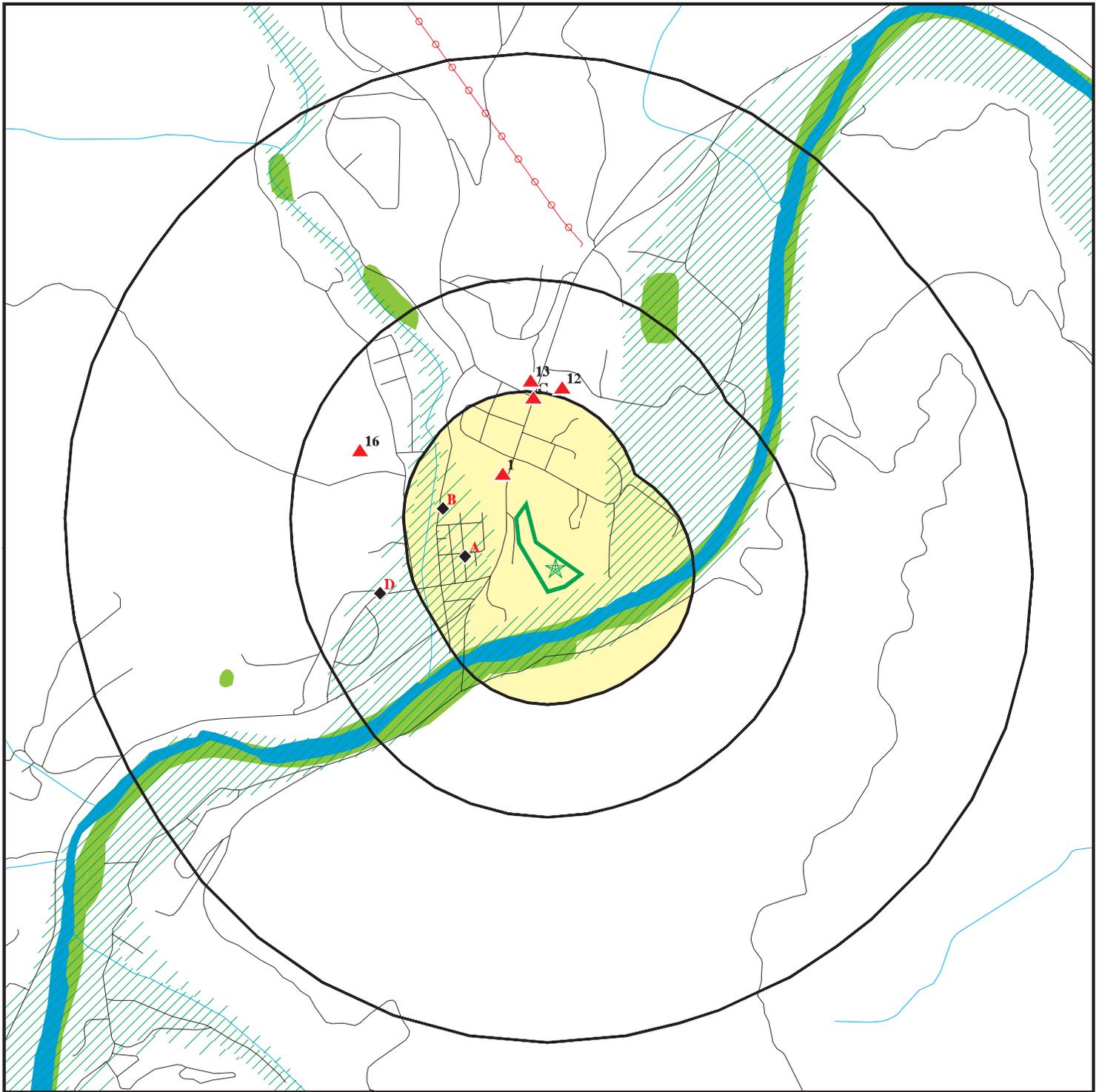
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON USA INC HAPP Reg Id: 1TSl113	E OF STATE 96	N 1/8 - 1/4 (0.237 mi.)	C10	14
CONNOR CARDLOCK Reg Id: 1TSl145	63708 96	N 1/4 - 1/2 (0.271 mi.)	12	19
PINE TREE SERVICE ST Reg Id: 1TSl032	63633 HIGHWAY 96	N 1/4 - 1/2 (0.275 mi.)	13	22
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN'S REPAIR	64117 2ND	W 0 - 1/8 (0.114 mi.)	A3	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
USFS HAPPY CAMP WORK CENTER	LUST
HAPPY CAMP HIGH SCHOOL	LUST

OVERVIEW MAP - 4817159.16S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Grunbaum, Skyline, Hillside
 ADDRESS: Not Reported
 Happy Camp CA 96039
 LAT/LONG: 41.793147 / 123.373617

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817159.16s
 DATE: December 30, 2016 12:38 pm

DETAIL MAP - 4817159.16S



Target Property

Sites at elevations higher than or equal to the target property

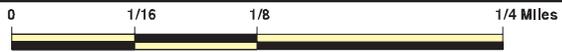
Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Grunbaum, Skyline, Hillside
 ADDRESS: Not Reported
 Happy Camp CA 96039
 LAT/LONG: 41.793147 / 123.373617

CLIENT: Karuk Tribe Housing Authority
 CONTACT: Sara Spence
 INQUIRY #: 4817159.16s
 DATE: December 30, 2016 12:38 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	3	4	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		1	0	1	NR	NR	2
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		1	1	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	2	3	NR	NR	6
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

1 NNW < 1/8 0.085 mi. 450 ft.	63843 STATE HIGHWAY 96 HAPPY CAMP, CA 96039	EDR Hist Auto	1015586635 N/A
---	--	----------------------	---------------------------------

Relative: Higher	EDR Historical Auto Stations: Name: G & L TIRE & AUTO SUPPLY Year: 2009 Address: 63843 STATE HIGHWAY 96
Actual: 1146 ft.	

A2 West < 1/8 0.114 mi. 601 ft.	64117 2 AVE HAPPY CAMP, CA 96039 Site 1 of 4 in cluster A	EDR Hist Auto	1015588048 N/A
---	--	----------------------	---------------------------------

Relative: Lower	EDR Historical Auto Stations: Name: RONS CAR CARE Year: 2011 Address: 64117 2 AVE
Actual: 1117 ft.	

A3 West < 1/8 0.114 mi. 601 ft.	JOHN'S REPAIR 64117 2ND HAPPY CAMP, CA 96039 Site 2 of 4 in cluster A	HIST UST HIST CORTESE	U001619249 N/A
---	--	--	---------------------------------

Relative: Lower	HIST UST: File Number: 000210A8 URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000210A8.pdf Region: STATE Facility ID: 00000012981 Facility Type: Gas Station Other Type: Not reported Contact Name: JOHN L. HAYES DEALER Telephone: 9164935247 Owner Name: JOHN L. AND RAMONA L. HAYES CO Owner Address: 2904 INDIAN CREEK ROAD Owner City,St,Zip: HAPPY CAMP, CA 96039 Total Tanks: 0002
Actual: 1117 ft.	

Tank Num:	001
Container Num:	1
Year Installed:	1980
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	1982
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN'S REPAIR (Continued)

U001619249

Leak Detection: Visual, Stock Inventor

[Click here for Geo Tracker PDF:](#)

HIST CORTESE:

Region: CORTESE
Facility County Code: 47
Reg By: LTNKA
Reg Id: 1TSI091

A4
West
< 1/8
0.114 mi.
601 ft.

JOHN'S REPAIR
64117 SECOND STREET
HAPPY CAMP, CA 96039

LUST S105033450
N/A

Site 3 of 4 in cluster A

Relative:
Lower

LUST:

Actual:
1117 ft.

Region: STATE
Global Id: T0609300065
Latitude: 41.793089
Longitude: -123.376998
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/09/1999
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SISKIYOU COUNTY
RB Case Number: 1TSI091
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0609300065
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Global Id: T0609300065
Contact Type: Local Agency Caseworker
Contact Name: JOHN ELLIS
Organization Name: SISKIYOU COUNTY
Address: 806 MAIN STREET, SOUTH
City: YREKA
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0609300065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN'S REPAIR (Continued)

S105033450

Status: Completed - Case Closed
Status Date: 12/09/1999

Global Id: T0609300065
Status: Open - Case Begin Date
Status Date: 08/24/1993

Global Id: T0609300065
Status: Open - Remediation
Status Date: 12/08/1999

Global Id: T0609300065
Status: Open - Site Assessment
Status Date: 09/14/1993

Global Id: T0609300065
Status: Open - Site Assessment
Status Date: 10/25/1994

Global Id: T0609300065
Status: Open - Site Assessment
Status Date: 01/23/1995

Global Id: T0609300065
Status: Open - Site Assessment
Status Date: 12/08/1999

Global Id: T0609300065
Status: Open - Verification Monitoring
Status Date: 12/08/1999

Regulatory Activities:

Global Id: T0609300065
Action Type: Other
Date: 08/24/1993
Action: Leak Stopped

Global Id: T0609300065
Action Type: Other
Date: 08/24/1993
Action: Leak Reported

Global Id: T0609300065
Action Type: Other
Date: 08/24/1993
Action: Leak Discovery

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HAPPY CAMP HIGH SCHOOL (Continued)

U001619247

Tank Num: 002
 Container Num: 5
 Year Installed: 1959
 Tank Capacity: 00001800
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Container Construction Thickness: Not reported
 Leak Detection: Visual, None

Tank Num: 003
 Container Num: 6
 Year Installed: 1975
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Visual, None

[Click here for Geo Tracker PDF:](#)

B7
WNW
1/8-1/4
0.163 mi.
863 ft.

HAPPY CAMP HIGH SCHOOL
234 INDIAN CREEK RD.
HAPPY CAMP, CA

AST A100339030
N/A

Site 2 of 3 in cluster B

Relative:
Lower

AST:
 Certified Unified Program Agencies: Siskiyou
 Owner: SISKIYOU UNION H.S. DIST.
 Total Gallons: 12,000
 CERSID: Not reported
 Facility ID: Not reported
 Business Name: Not reported
 Phone: Not reported
 Fax: Not reported
 Mailing Address: Not reported
 Mailing Address City: Not reported
 Mailing Address State: Not reported
 Mailing Address Zip Code: Not reported
 Operator Name: Not reported
 Operator Phone: Not reported
 Owner Phone: Not reported
 Owner Mail Address: Not reported
 Owner State: Not reported
 Owner Zip Code: Not reported
 Owner Country: Not reported
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

Actual:
1092 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B8
WNW
1/8-1/4
0.163 mi.
863 ft.

HAPPY CAMP HIGH SCHOOL
234 INDIAN CREEK ROAD
HAPPY CAMP, CA 96039

Site 3 of 3 in cluster B

LUST **S102808222**
HIST CORTESE **N/A**

Relative:
Lower

LUST:

Actual:
1092 ft.

Region: STATE
Global Id: T0609300054
Latitude: 41.8004019
Longitude: -123.3773154
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/02/1994
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SISKIYOU COUNTY
RB Case Number: 1TSI074
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0609300054
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Status History:

Global Id: T0609300054
Status: Completed - Case Closed
Status Date: 03/02/1994

Global Id: T0609300054
Status: Open - Case Begin Date
Status Date: 08/17/1992

Global Id: T0609300054
Status: Open - Remediation
Status Date: 03/01/1994

Global Id: T0609300054
Status: Open - Site Assessment
Status Date: 08/18/1992

Global Id: T0609300054
Status: Open - Site Assessment
Status Date: 03/01/1994

Global Id: T0609300054
Status: Open - Verification Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAPPY CAMP HIGH SCHOOL (Continued)

S102808222

Status Date: 03/01/1994

Regulatory Activities:

Global Id: T0609300054
Action Type: ENFORCEMENT
Date: 08/18/1992
Action: * Historical Enforcement

Global Id: T0609300054
Action Type: Other
Date: 08/17/1992
Action: Leak Stopped

Global Id: T0609300054
Action Type: Other
Date: 08/17/1992
Action: Leak Reported

Global Id: T0609300054
Action Type: Other
Date: 08/17/1992
Action: Leak Discovery

HIST CORTESE:
Region: CORTESE
Facility County Code: 47
Reg By: LTNKA
Reg Id: 1TSI074

C9
North
1/8-1/4
0.217 mi.
1144 ft.

CONNOR CARDLOCK
HIGHWAY 96 63708
HAPPY CAMP, CA
Site 1 of 3 in cluster C

LUST S103890452
N/A

Relative:
Higher
Actual:
1154 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSI145
Staff Initials: CSW

C10
North
1/8-1/4
0.237 mi.
1249 ft.

CHEVRON USA INC HAPPY CAMP BULK PLT
E OF STATE 96
HAPPY CAMP, CA 96039
Site 2 of 3 in cluster C

RCRA-SQG 1000434541
LUST CAT000614685
HIST CORTESE

Relative:
Higher
Actual:
1160 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CHEVRON USA INC HAPPY CAMP BULK PLT
Facility address: E OF STATE 96
HAPPY CAMP, CA 96039
EPA ID: CAT000614685
Mailing address: P.O. BOX SECOND THOUSAND FIFTH
OAKLAND, CA 94614

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON USA INC HAPPY CAMP BULK PLT (Continued)

1000434541

Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON USA INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/14/1980
Site name: CHEVRON USA INC HAPPY CAMP BULK PLT
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON USA INC HAPPY CAMP BULK PLT (Continued)

1000434541

Violation Status: No violations found

LUST:

Region: STATE
Global Id: T0609300083
Latitude: 41.7834341
Longitude: -123.3951217
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/23/1998
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SISKIYOU COUNTY
RB Case Number: 1TSI113
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0609300083
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Global Id: T0609300083
Contact Type: Local Agency Caseworker
Contact Name: JOHN ELLIS
Organization Name: SISKIYOU COUNTY
Address: 806 MAIN STREET, SOUTH
City: YREKA
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0609300083
Status: Completed - Case Closed
Status Date: 01/23/1998

Global Id: T0609300083
Status: Open - Case Begin Date
Status Date: 04/25/1994

Global Id: T0609300083
Status: Open - Remediation
Status Date: 01/22/1998

Global Id: T0609300083
Status: Open - Site Assessment
Status Date: 05/01/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON USA INC HAPPY CAMP BULK PLT (Continued)

1000434541

Global Id: T0609300083
Status: Open - Site Assessment
Status Date: 11/06/1995

Global Id: T0609300083
Status: Open - Site Assessment
Status Date: 02/15/1996

Global Id: T0609300083
Status: Open - Site Assessment
Status Date: 01/22/1998

Global Id: T0609300083
Status: Open - Verification Monitoring
Status Date: 01/22/1998

Regulatory Activities:

Global Id: T0609300083
Action Type: Other
Date: 04/25/1994
Action: Leak Stopped

Global Id: T0609300083
Action Type: Other
Date: 04/25/1994
Action: Leak Reported

Global Id: T0609300083
Action Type: Other
Date: 04/25/1994
Action: Leak Discovery

LUST REG 1:

Region: 1
Facility ID: 1TSI113
Staff Initials: Closed

HIST CORTESE:

Region: CORTESE
Facility County Code: 47
Reg By: LTNKA
Reg Id: 1TSI113

C11
North
1/8-1/4
0.237 mi.
1254 ft.

HAPPY CAMP CHEVRON
HIGHWAY 96 & DAVIS RD
HAPPY CAMP, CA 96039

SWEEPS UST S106927062
N/A

Site 3 of 3 in cluster C

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 38622
Number: 9
Board Of Equalization: 44-027410
Referral Date: 10-25-91

Actual:
1157 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAPPY CAMP CHEVRON (Continued)

S106927062

Action Date: 10-25-91
Created Date: 07-31-88
Owner Tank Id: 1
SWRCB Tank Id: 47-000-038622-000001
Tank Status: A
Capacity: 8000
Active Date: 08-10-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 38622
Number: 9
Board Of Equalization: 44-027410
Referral Date: 10-25-91
Action Date: 10-25-91
Created Date: 07-31-88
Owner Tank Id: II
SWRCB Tank Id: 47-000-038622-000002
Tank Status: A
Capacity: 8000
Active Date: 08-10-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 38622
Number: 9
Board Of Equalization: 44-027410
Referral Date: 10-25-91
Action Date: 10-25-91
Created Date: 07-31-88
Owner Tank Id: III
SWRCB Tank Id: 47-000-038622-000003
Tank Status: A
Capacity: 8000
Active Date: 08-10-89
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 38622
Number: 9
Board Of Equalization: 44-027410
Referral Date: 10-25-91
Action Date: 10-25-91
Created Date: 07-31-88
Owner Tank Id: IV
SWRCB Tank Id: 47-000-038622-000004
Tank Status: A
Capacity: 8000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAPPY CAMP CHEVRON (Continued)

S106927062

Active Date: 08-10-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

12
North
1/4-1/2
0.271 mi.
1430 ft.

CONNOR CARDLOCK
63708 96
HAPPY CAMP, CA 96039

LUST **S105024016**
ENF **N/A**
HIST CORTESE

Relative:
Higher

LUST:

Actual:
1147 ft.

Region: STATE
Global Id: T0609300115
Latitude: 41.8294746
Longitude: -123.3839409
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/14/2005
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SISKIYOU COUNTY
RB Case Number: 1TSI145
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0609300115
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Global Id: T0609300115
Contact Type: Local Agency Caseworker
Contact Name: JOHN ELLIS
Organization Name: SISKIYOU COUNTY
Address: 806 MAIN STREET, SOUTH
City: YREKA
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0609300115
Status: Completed - Case Closed
Status Date: 01/14/2005

Global Id: T0609300115
Status: Open - Case Begin Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNOR CARDLOCK (Continued)

S105024016

Status Date: 04/26/1999
Global Id: T0609300115
Status: Open - Site Assessment
Status Date: 06/16/1999

Regulatory Activities:

Global Id: T0609300115
Action Type: Other
Date: 04/26/1999
Action: Leak Stopped
Global Id: T0609300115
Action Type: ENFORCEMENT
Date: 01/14/2005
Action: Closure/No Further Action Letter
Global Id: T0609300115
Action Type: Other
Date: 04/26/1999
Action: Leak Reported
Global Id: T0609300115
Action Type: Other
Date: 04/26/1999
Action: Leak Discovery

ENF:

Region: 1
Facility Id: 215473
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 41.798480
Place Longitude: -123.374650
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONNOR CARDLOCK (Continued)

S105024016

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	241261
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/28/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/14/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI145NUG Connor Cardlock
Description:	WORKPLAN DUE ON 5/20/02
Program:	UST
Latest Milestone Completion Date:	1/14/2005
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONNOR CARDLOCK (Continued)

S105024016

Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

Region: CORTESE
Facility County Code: 47
Reg By: LTNKA
Reg Id: 1TSI145

13
North
1/4-1/2
0.275 mi.
1450 ft.

PINE TREE SERVICE STATION
63633 HIGHWAY 96
HAPPY CAMP, CA 96039

LUST **S101304565**
ENF **N/A**
HIST CORTESE

Relative:
Higher

LUST:

Region: STATE
Global Id: T0609300028
Latitude: 41.799214
Longitude: -123.374757
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/27/2006
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Worker: ZZZ
Local Agency: SISKIYOU COUNTY
RB Case Number: 1TSI032
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Actual:
1174 ft.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0609300028
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Status History:

Global Id: T0609300028
Status: Completed - Case Closed
Status Date: 02/27/2006

Global Id: T0609300028
Status: Open - Case Begin Date
Status Date: 01/17/1989

Global Id: T0609300028
Status: Open - Site Assessment
Status Date: 01/17/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Global Id: T0609300028
Status: Open - Site Assessment
Status Date: 07/28/1993

Global Id: T0609300028
Status: Open - Site Assessment
Status Date: 06/14/2001

Regulatory Activities:

Global Id: T0609300028
Action Type: ENFORCEMENT
Date: 02/27/2006
Action: Closure/No Further Action Letter

Global Id: T0609300028
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609300028
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609300028
Action Type: Other
Date: 01/17/1989
Action: Leak Stopped

Global Id: T0609300028
Action Type: Other
Date: 01/17/1989
Action: Leak Reported

Global Id: T0609300028
Action Type: ENFORCEMENT
Date: 03/31/1989
Action: * Historical Enforcement

Global Id: T0609300028
Action Type: Other
Date: 01/17/1989
Action: Leak Discovery

LUST REG 1:

Region: 1
Facility ID: 1TSI032
Staff Initials: CSW

ENF:

Region: 1
Facility Id: 248434
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Direction/Voice:	Not reported
Enforcement Id(EID):	224618
Region:	1
Order / Resolution Number:	LT980417
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/17/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/17/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING SUBMITTAL OF NEXT PHASE OF WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220326
Region:	1
Order / Resolution Number:	LT950406
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/06/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/06/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING COMMENTS BE ADDRESSED.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219908
Region:	1
Order / Resolution Number:	LT951205
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/05/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/05/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING SUBMITTAL OF RESULTS OF FIELD WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	241265
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/02/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/02/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	WORKPLAN DUE 5/10/02.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

Region:	1
Facility Id:	248434
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	41.799220
Place Longitude:	-123.374750
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINE TREE SERVICE STATION (Continued)

S101304565

WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223208
Region:	1
Order / Resolution Number:	LT940802
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/02/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/02/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1A1SI032NUG Pine Tree Shell
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 47
 Reg By: LTNKA
 Reg Id: 1TSI032

D14
West
1/4-1/2
0.315 mi.
1661 ft.

Relative:
Lower

Actual:
1084 ft.

USFS LOWER STATION
SECOND AVENUE 64309
HAPPY CAMP, CA

Site 1 of 2 in cluster D

 LUST REG 1:
 Region: 1
 Facility ID: 1TSI133
 Staff Initials: DLP

LUST S103285766
N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D15 **USFS LOWER STATION**
West **64309 SECOND AVENUE**
1/4-1/2 **HAPPY CAMP, CA 96039**
0.327 mi.
1729 ft. **Site 2 of 2 in cluster D**

LUST **S105024014**
HIST CORTESE **N/A**

Relative:
Lower

LUST:

Actual:
1087 ft.

Region:	STATE
Global Id:	T0609300103
Latitude:	41.79246
Longitude:	-123.3804706
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/09/2003
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Worker:	ZZZ
Local Agency:	SISKIYOU COUNTY
RB Case Number:	1TSM133
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0609300103
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

Status History:

Global Id:	T0609300103
Status:	Completed - Case Closed
Status Date:	12/09/2003
Global Id:	T0609300103
Status:	Open - Case Begin Date
Status Date:	05/12/1998
Global Id:	T0609300103
Status:	Open - Remediation
Status Date:	06/03/2003
Global Id:	T0609300103
Status:	Open - Site Assessment
Status Date:	05/20/1998
Global Id:	T0609300103
Status:	Open - Site Assessment
Status Date:	10/30/2000
Global Id:	T0609300103
Status:	Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USFS LOWER STATION (Continued)

S105024014

Status Date: 11/21/2000

Global Id: T0609300103
Status: Open - Site Assessment
Status Date: 06/03/2003

Global Id: T0609300103
Status: Open - Verification Monitoring
Status Date: 06/03/2003

Regulatory Activities:

Global Id: T0609300103
Action Type: Other
Date: 05/12/1998
Action: Leak Stopped

Global Id: T0609300103
Action Type: ENFORCEMENT
Date: 12/09/2003
Action: Closure/No Further Action Letter

Global Id: T0609300103
Action Type: Other
Date: 05/12/1998
Action: Leak Reported

Global Id: T0609300103
Action Type: Other
Date: 05/12/1998
Action: Leak Discovery

Global Id: T0609300103
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0609300103
Action Type: ENFORCEMENT
Date: 06/03/2003
Action: Notification - Public Notice of Case Closure

HIST CORTESE:

Region: CORTESE
Facility County Code: 47
Reg By: LTNKA
Reg Id: 1TSI133

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

16
WNW
1/4-1/2
0.377 mi.
1991 ft.

SOUTHWEST FOREST INDUSTRIES
HAPPY CAMP, CA 0

SLIC S105180486
N/A

Relative:
Higher

SLIC REG 1:
Region: 1
Facility ID: 1NSI219
Staff Initials: AAA

Actual:
1348 ft.

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HAPPY CAMP	S102440612	USFS HAPPY CAMP WORK CENTER	AIRPORT ROAD		LUST
HAPPY CAMP	S104163885	HAPPY CAMP HIGH SCHOOL	INDIAN CREEK ROAD 234		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/29/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/01/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/15/2016

Date Data Arrived at EDR: 08/16/2016

Date Made Active in Reports: 10/05/2016

Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/15/2016

Next Scheduled EDR Contact: 02/27/2017

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 11/01/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/2016	Telephone: see region list
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/22/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/01/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/02/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/04/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/29/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 10/20/2016
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/27/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/03/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 10/26/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016
Date Data Arrived at EDR: 08/17/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/23/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 12/05/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 42

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/10/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/16/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 59

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 9

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/10/2016
Number of Days to Update: 47

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 11/01/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

FRESNO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 71

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 6

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 58

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/18/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/17/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 10/24/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 10/07/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/18/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/22/2016	Telephone: 559-675-7823
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/26/2016	Telephone: 415-499-6647
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 09/29/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 32

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 44

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 53

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/09/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 51

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 21

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 45

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 10/04/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 73

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/19/2016
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/21/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/15/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/28/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/06/2016
Date Made Active in Reports: 12/16/2016
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 12/02/2016
Number of Days to Update: 87

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/12/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 49

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/28/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 08/01/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 09/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 12/14/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/24/2016	Telephone: 530-666-8646
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 11/14/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/03/2016	Telephone: 530-749-7523
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 10/31/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 08/31/2016
Date Made Active in Reports: 12/12/2016
Number of Days to Update: 103

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GRUNBAUM, SKYLINE, HILLSIDE
NOT REPORTED
HAPPY CAMP, CA 96039

TARGET PROPERTY COORDINATES

Latitude (North):	41.793147 - 41° 47' 35.33"
Longitude (West):	123.373617 - 123° 22' 25.02"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	468957.0
UTM Y (Meters):	4626664.0
Elevation:	1129 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5629851 SLATER BUTTE, CA
Version Date:	2012
West Map:	5629817 HAPPY CAMP, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

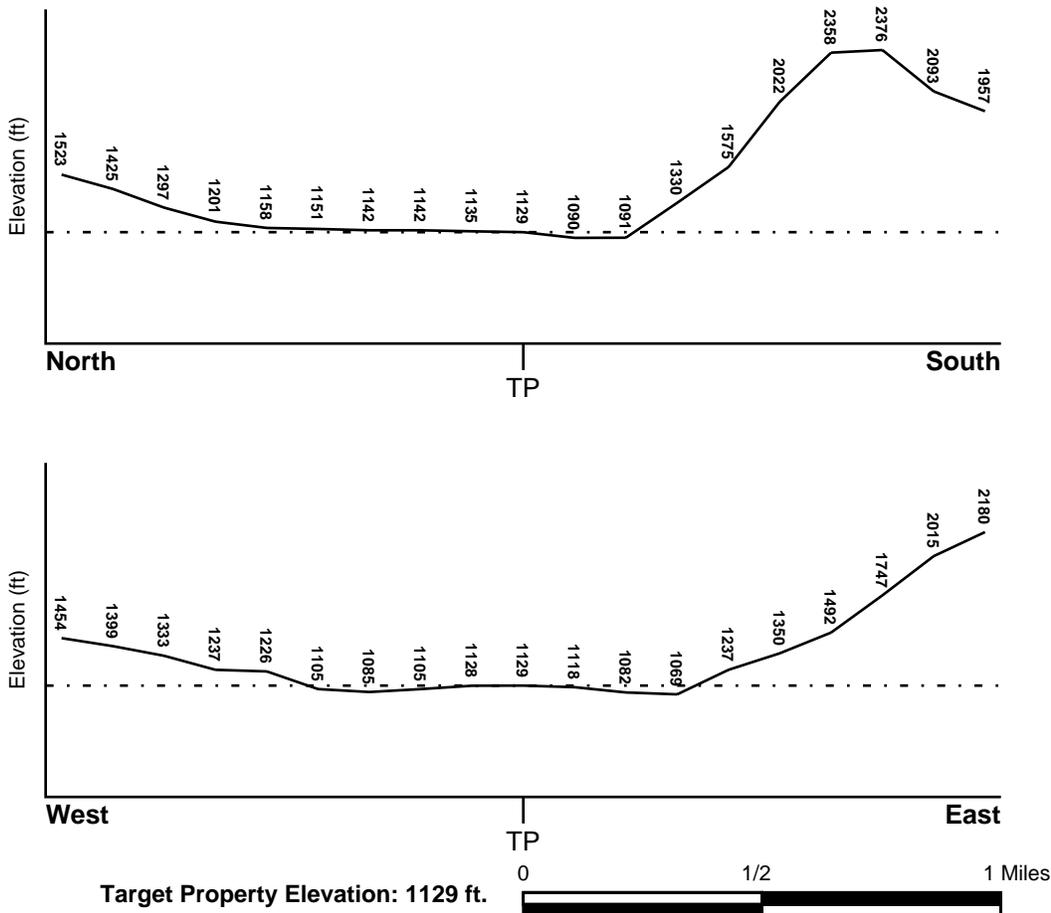
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06093C0965D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06093C0945D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
HAPPY CAMP	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Triassic
Series: Triassic and Permian
Code: TrPe (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: XEROFLUVENTS

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
2	10 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: very gravelly - sand
gravelly - loam
extremely gravelly - loamy sand

Surficial Soil Types: very gravelly - sand
gravelly - loam
extremely gravelly - loamy sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: very gravelly - sandy clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

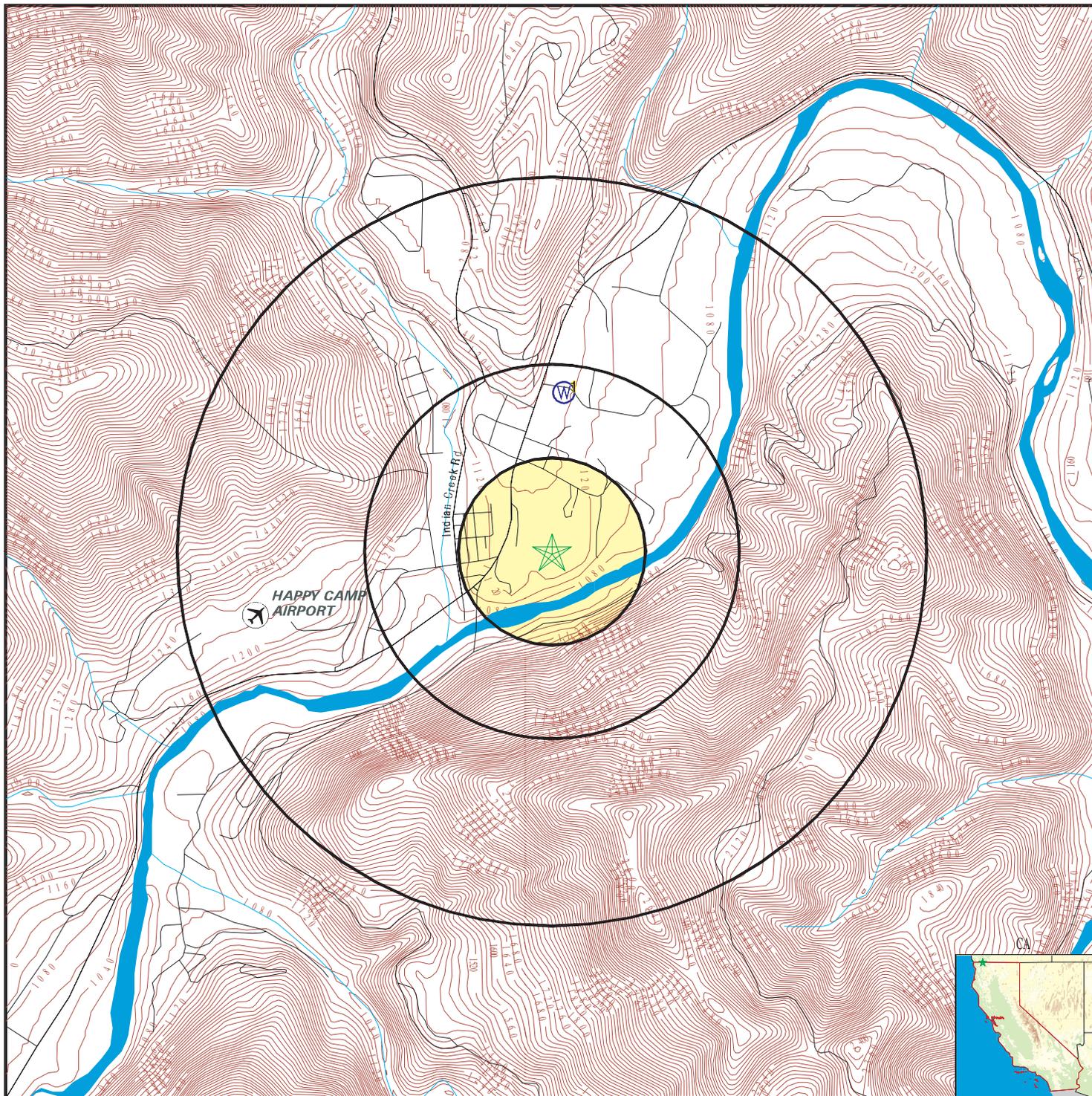
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADW60000006184	1/4 - 1/2 Mile North

PHYSICAL SETTING SOURCE MAP - 4817159.16s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

<p>SITE NAME: Grunbaum, Skyline, Hillside ADDRESS: Not Reported Happy Camp CA 96039 LAT/LONG: 41.793147 / 123.373617</p>	<p>CLIENT: Karuk Tribe Housing Authority CONTACT: Sara Spence INQUIRY #: 4817159.16s DATE: December 30, 2016 12:38 pm</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	North	1/4 - 1/2 Mile	Higher	CA WELLS	CADW6000006184

Objectid: 6184
 Latitude: 41.7993
 Longitude: -123.373
 Site code: 417993N1233730W001
 State well numbe: Not Reported
 Local well name: 'HC01'
 Well use id: 7
 Well use descrip: Other
 County id: 47
 County name: Siskiyou
 Basin code: '1-15'
 Basin desc: Happy Camp Town Area
 Dwr region id: 80235
 Dwr region: Northern Region Office
 Site id: CADW6000006184

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
96039	2	0

Federal EPA Radon Zone for SISKIYOU County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SISKIYOU COUNTY, CA

Number of sites tested: 23

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.470 pCi/L	100%	0%	0%
Living Area - 2nd Floor	1.200 pCi/L	100%	0%	0%
Basement	3.367 pCi/L	67%	33%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Grunbaum, Skyline, Hillside

Not Reported

Happy Camp, CA 96039

Inquiry Number: 4817159.17

December 30, 2016

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/30/16

Site Name:

Grunbaum, Skyline, Hillside
Not Reported
Happy Camp, CA 96039
EDR Inquiry # 4817159.17

Client Name:

Karuk Tribe Housing Authority
PO Box 1159
Happy Camp, CA 96039
Contact: Sara Spence



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Karuk Tribe Housing Authority were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 6AE6-4518-87D8

PO # NA

Project FTT

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 6AE6-4518-87D8

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- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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