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The following Environmental Professionals performed this Preliminary Phase I ESA that does not fully conformance with ASTM Standard Practice E 1527-13 and AAI Standards. It uses the ASTM standards as a framework and offers a summary of findings from a site visit, interview with the principal current owner and initial review of the Historic Environmental Records. It is intended for internal use within the Yurok Tribe only.

The following individual(s) meet the qualifications for individuals completing or overseeing all appropriate inquiries, and possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the existence of environmental conditions on the property. Any work completed on this ESA by an individual who is not considered an environmental professional was completed under the supervision or responsible charge of the environmental professional.

_________________________
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EXECUTIVE SUMMARY

We have performed an environmental investigation at the adjoining properties located at the Tully Creek Firehouse and Community Center, associated with Humboldt County Assessor Parcel Number (APN) 530-12-202 and on the Owl Creek Development, (APN 531-076-020). The Tully Creek Firehouse and Community Center is located at 1205 Tully Creek Road, four miles northwest of Weitchpec, California, near the Bald Hills Road crossing of the Klamath River at Martin’s Ferry Bridge, (hereafter referred to in common as the Site, or Subject Property). APN 530-12-202 is centrally sited at longitude -123.77170 by latitude 41.21770.

This assessment has revealed no evidence of any Recognized Environmental Conditions (RECs) or any Historical Recognized Environmental Conditions (HRECs) in connection with the properties.

However, the environmental professional conducting this assessment recommends that should future building on site, APN 530-12-202 be undertaken, additional testing be conducting regarding the following:

- The reported use of fill dirt with high asbestos content at the west slope of the Tully Creek Firehouse and Community Center’s parking area.

The following report outlines the procedures used during this Site Assessment, the physical findings, the historical findings, and present uses of the property.
1.0 INTRODUCTION

The Yurok Tribe Environmental Program (YTEP) has prepared this Phase I Environmental Site Assessment (ESA) on the Tully Creek Firehouse and Community Center and on the adjoining property where the Owl Creek Housing Development is planned to be built. The Firehouse and Community Center was built during 2007-2008 and is associated with the Humboldt County Assessor Parcel Number (APN) is 531-082-001. It is located at 1205 Tully Creek Road, four miles northwest of Weitchpec, California, near the HWY 96 crossing of the Klamath River at Martin’s Ferry Bridge, (hereafter referred to as the Site, or Subject Property). It is sited on longitude -123.77170 by latitude 41.21770 (Figure 1) and consists of approximately 42 acres and lies approximately 647 feet above sea level.

The community residents and staff are using a local, private, very small community domestic water system and have been concerned over possible contaminants from the parcel affecting their drinking water quality. In addition, there has been concern voiced about the Tribal housing development on the adjacent parcel (APN 531-076-020) to the northwest corner of the Subject Property, that would be utilizing the same water source and potentially have the same water quality issues and possible additional problems with their water quantity to supply additional connections than those already in existence. Because these adjacent parcels’ possible contaminants are overlapping and the interests and uses intertwined, the field inspections and interviews undertaken for this Phase I Environmental Site Assessment will include both parcels.

This Phase I is organized as recommended and conforms to the principals of ASTM E 1527-13 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (ASTM, 2013).

1.1 Purpose

The Purpose of this Phase I ESA is to identify Recognized Environmental Conditions (RECs) associated with the Subject Property. An REC is defined by ASTM as the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release or a material threat of release of any hazardous substances and petroleum products even under conditions in compliance with law.

This report will include listings of historic RECs if applicable. A historical REC is an environmental condition which, in the past would have been considered a REC, but which may or may not be considered a REC currently.

RECs do not include de minimis conditions that generally would not be subject to any enforcement action if brought to the attention of appropriate agency.
1.2 Detailed Scope of Work
This Phase I ESA conforms to the principals of work described in ASTM E1527-13.

1.3 Significant Assumptions
Based on sloping topography in the vicinity of the Subject Property, it is assumed that the groundwater flow direction is north-eastward, towards the Klamath River.

In records, interviews, and discussion with staff and community members there exists common usage and the general perception that multiple names are used interchangeably for the facility on APN 531-082-001. These include the most common reference at the time of this assessment as the Tully Creek Firehouse and Community Center. Additional names include the Tully Creek Fire and Fitness Center, the Tully Creek Fire and Recreation Center, and other combinations. It can be assumed that all refer to the same facility.

1.4 Limitations and Exceptions
“No environmental site assessment can wholly eliminate uncertainty regarding the potential for the recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the property” (ASTM, 2013). The information included in this report is based on professional opinions from our field reconnaissance and visual observations of the Subject Property and our review and interpretation of available historic information as described in this report.

1.5 Special Terms and Conditions
Private versus public water systems in this report follows the US EPA definition from the Safe Drinking Water Act’s (SDWA) 1996 Amendments, Section 1401(4); a public water system is any “system for the provision of water for human consumption through pipes or other constructed conveyances that has 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year.”

1.6 User Reliance
This report was prepared for the sole and exclusive use of the Yurok Tribe located in Klamath, California and the USEPA Region 9 Brownfields Program. The scope of work performed in this investigation may not be appropriate to satisfy needs of others. Any use of this document and findings is at the sole risk of said user.
Figure 1: Tully Creek Firehouse & Community Center and Vicinity
2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Subject Property is located in unincorporated Humboldt County, within the external boundaries of the Yurok Tribe Reservation. The entrance to the Tully Creek Firehouse and Community Center is located at longitude -123.77170° by latitude 41.21770° and the entrance drive into the area of the planned Owl Creek Development is two tenths of a mile north at -123.774818° by 41.2220°. The title is vested in the Yurok Tribe, a federally recognized Indian Tribe; received from Gregory J. Koppala on June 06, 1996. Legal descriptions of the Firehouse and Community Center property are defined as:

All that certain piece or parcel of land being Lot 1 (which is the Northwest Quarter of the Northwest Quarter of Section 31, Township 10 North, Range 4 East, Humboldt Meridian, situate and lying in the County of Humboldt, State of California.

The adjoining property and planned site of the Owl Creek Housing development was purchased from Antonio Alvarez and title was transferred to the Yurok Indian Housing Authority on October 06, 2011. This adjacent parcel is approximately 36.8 acres in area. According to a September 2015 assessment via the online Parcel Quest: California Parcel and Property Data, it is currently vacant property with the legal description as follows:

Southeast quarter of the southeast quarter of Section 25, Township 10-North, Range 3-East.

2.2 Site and Vicinity General Characteristics

The Firehouse site consists of 42.1 acres and the housing property contains 38.6 acres. Both are located within the external boundaries of the Yurok Reservation and are represented on the French Camp Ridge USGS Topo map (Appendix D). Its general vicinity is within a forested, mountainous region where the Coast and Klamath Mountains collide and steep canyon walls have been cut by the Klamath River. The bulk of the currently developed area within the Subject Property gently slopes to the northeast toward Owl Creek and sits on a narrow bench of land at approximately 647 feet above sea level, and 500 feet above the Klamath River. The land west of the developed property continues to climb until it reached the ridge top at 1,529 feet above sea level.

The region’s topography is characterized by steep slopes of bedrock between 20 to 40 inches below surface, however, the Subject Property is generally covered by approximately 25 inches of well drained, silty clay loam that has a slow infiltration rate before bedrock is reached.

2.3 Current Use of the Property

The property is either owned by the United States by the Bureau of Indian Affairs and held in trust, or is in the process of transfer into trust for the Yurok Tribe, and the Yurok Tribe is the de facto owner. The property is primarily utilized as the Tully Creek Fire House and Community Center.
2.4 Description of Structures, Roads, Other Site Improvements

The currently developed portion of the property is directly accessed from Tully Creek Road in the form of a lower pull out to allow vehicles to pass and an upper, paved driveway that winds around the large metal, two-story building. To the north of the building, is a general parking area and numerous Connex storage containers. The drive continues past the main building and ‘Y’s with a small track continuing westward to Owl Creek, the water systems’ intake, storage tanks and both sand and rough filters. The main drive continues around to the southwest, following the contours of the hillside to loop to a secondary parking and storage area above and to the south of the main building. The building area has electricity, water, and septic connections. In addition the structure is equipped to transmit emergency broadcasts and signals.

Photographs are included in Appendix G: Site Photographs.

2.5 Current Use of Adjoining Properties

Toward the northwest, adjacent parcel APN 531-076-020, consists of 38.6 acres and contains an area planned for the Owl Creek Housing Development. It is currently vacant and the planned housing area has been leveled and a primary access drive cut into the area. Power poles have been installed. Other developments include a water storage tank and piping to neighboring homes, and it is expected to provide water for the future homes in the development. It was purchased in 2011 by the Yurok Indian Housing Authority.

The adjoining properties on both the shared eastern boundary (APN 531-082-002) and the north (APN 531-075-012) are privately owned, rural residential parcels.

The property (71.1 acres) beyond the Subject Property, to the north is also owned in Trust by the United States of America for the Yurok Tribe by the Yurok Indian Housing Authority and used as both, 1) the housing assignment for Tribal Chairman T. O’Rourke and 2) the McCoy Housing Development. The O’Rourke home resides to the west of Tully Creek Road approximately 1/2 mile north of the Subject Property and six homes and one trailer reside in the McCoy Development, to the east side of Tully Creek Road approximately one mile north of the Subject Property.

The Properties beyond the contiguous boundaries to the west are generally private, rural forestland principally managed for commercial timber production.
3.0 USER PROVIDED INFORMATION

3.1 Title Records

There are no property transactions with the Yurok Tribe currently in process with the Subject Property. Therefore a title report has not been ordered.

3.2 Environmental Liens or Activity Use Limitations

An Environmental Lien Search Report was ordered for the Subject Property and no results were found from available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls for the Subject Property. Documentation is provided in Appendix H.

3.3 Specialized Knowledge

No specialized knowledge was acquired regarding the Subject Property.

3.4 Commonly Known or Reasonably Ascertainable Information

It is commonly known that the Subject Property had previously been used to store solid waste and subsequently, many local residents referred to the site as a dump. A cleanup of the site was completed in June 2006 by the Pollution Prevention Division of YTEP. The 2006 Environmental Record Review, including the Environmental Assessment for the Construction of the Tully Creek Firehouse and Community Center stated the project “clear of any toxic chemicals or radioactive materials” and is available in Appendix J of this report.

3.5 Valuation Reduction for Environmental issues

The intention of this document is to evaluate the potential impacts of REC’s on Tribal Lands that may have impacts to the environment, resources, and/or public health. The future use of the property is currently undetermined. Any reduction in value of the property is unknown and not relevant to this report as the property is expected to remain in Tribal Trust.

3.6 Owner, Property Manager and Occupant Information

The Subject Property is currently owned by United States of America by the Bureau of Indian Affairs in Trust for the Yurok Tribe. In addition, to its role as owner, the Yurok Council manages the property through its staff. The Yurok Planning Department oversees Tribal Development and Land Use. Their Director, Peggy O’Neil was interviewed by phone on October 12, 2015 and has provided responses to an environmental questionnaire concerning the subject property and summarized below. The completed questionnaire is included in Appendix A.

3.7 Reason for Performing Phase I ESA

YTEP, user of this report, indicated that the reason for performing a Phase 1 ESA is to ensure that contamination does not threaten public health, the environment, and/or resources during and after redevelopment of the Subject Property. The Yurok Tribe has selected this property to be evaluated under the US EPA Section 128(a) Tribal Response Program.
4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources
YTEP has contracted with Environmental Data Resources (EDR), a company that specializes in the acquisition and compilation of local, state, and federal environmental records, to acquire the required records. EDR searched the Subject Property and surrounding area for standard environmental records as required by ASTM E1527-13. A complete listing of the databases searched and the radius searched are included in the EDR Radius Map Report, provided in Appendix B.

The Subject Property is within the general vicinity of the Cappell Road illegal dump, listed on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database reviewed by the EDR report. This dump has been cleaned by the Tribe’s Pollution Prevention Division and lies east of the Subject Property, across the Klamath River, approximately 5 miles from the Subject Property and it is unlikely to produce any environmental impacts on the Subject Property due to the distance and current condition. No other sites were found in available ("reasonably ascertainable ") government records in the vicinity of the Subject Property.

4.2 Additional Environmental Record Sources
YTEP Illegal Dump Inventory and Environmental Toxin and Pollutant (ETAP) databases were reviewed for community concerns associated with the Subject Property or vicinity and none were recorded.

The 2006 Environmental Record Review, including the Environmental Site Assessment for the Tully Creek Firehouse and Fitness Center was reviewed and is included in Appendix J.

4.3 Physical Setting Sources
The 1983 United States Geological Survey (USGS) 7.5 minute map titled French Prairie, California, which includes the Subject Property and surrounding areas, was reviewed and is included in Appendix D. The Subject Property has an elevation range of approximately 640 feet above mean sea level. Most of the properties are second growth, mixed conifer forests. The closest surface water shown on the USGS topographic map is the Klamath River which runs through the parcel’s northeast corner. Owl Creek, a tributary to the Klamath River runs 225 feet to the north east of the firehouse parcel and diagonally through the length of the parcel to hold the Owl Creek Housing Development.

4.4 Historical Use Information on the Property
Information in this section of the report is based on acquisition and review of various historical sources, including historic aerial photographs (Appendix C), and historic topographic maps (Appendix D) and the Environmental Record Review for the Tully Creek Firehouse and Fitness Center (Appendix J). The principal historic use of the property is associated with industrial timber production and the 10-acre irregular-shaped TCFFC site was accessed from the west via a skid road and utilized as a logging deck/yard to stage logs for transport to mills.
In addition, the Yurok Planning Department provided pictures of the site from 2005 and 2006 of the Tully Creek Firehouse and Community Center’s property prior to it being built. At that time, it was being utilized as a staging area for the sorting and storage of abandoned appliances and trash from illegal dumps in the area prior to transport to the respective, proper facilities for disposal. They are included in Appendix G SITE PHOTOGRAPHS, Figure 10.

4.4.1 EDR Historic Aerial Photographs

Aerial photographs from 1954, 1974, 1983, 1993, 1998, 2005, 2009, 2010, and 2012 were provided by EDR and are included in Appendix C. The aerial photographs were reviewed and the following observations were made:

- **1954**: The only development evident in the vicinity of the Subject Property is Tully Creek Road, which cuts through heavily forested area.
- **1974**: Due to the poor quality of this photograph, no details are discernible.
- **1983**: Due to the poor quality and focus, no details are discernible.
- **1993**: In this photo, the main roads are clearly visible as well as multiple smaller access roads and cleared areas. The small clearing in the center of the photo is the future location of the Tully Creek Firehouse and Community Center. No structures are evident.
- **1998**: Although the focus is very poor in this photograph, it shows an increase in cleared areas. The largest clearing in the left upper corner appears to correspond to the location for the O’Rourke home. Below it, the next clearings are the site of the proposed Owl Creek Housing Development and in the center, the location of the Tully Creek Firehouse and Community Center. It appears that most of the scattered clearings toward the bottom of the picture are the result of timber harvesting. No structures are evident.
- **2005**: In the upper left corner of this photograph, multiple, clustered structures can be seen either in the vicinity of the Subject Property, that are probably the reported residence and trailer at the site of the Owl Creek Development. At the center, upper third of the photograph is a clearing that appears to be the private, rural residence west of the Subject Property and main road toward the Klamath River. A large building or barn is visible toward the north of the clearing and on the same clearing, closer to the roadway is a second, smaller structure. Additionally, a second large clearing is visible to the east of that structure and the separated from the road by a strip of forested area, some sort of small objects/structures at the north edge.
- **2009**: The structures at the Subject Property are now visible on this photo; the large rectangular, barn-like structure and clearing are the Tully Creek Firehouse and Community Center and parking areas; the clearing to the east of the road has been enlarged and now houses a large building with numerous vehicles at its edges.
- **2010**: Although there are no significant changes from the 2009 photograph from the previous year, this picture is of good resolution and details are visible that document an expanded amount of clearing around the Tully Creek Firehouse and Community Center. There are structures, possible the trailer at the site of the planned Owl Creek Housing Development.
• 2012: This photograph documents a continuing incursion of vegetation into the previously visible clearings at the location of the Owl Creek Housing Development and the structure/trailer is now gone. The cleared area at the upper center of the photograph and west of the road has been expanded; various small objects are visible at the south edge of the expanded clearing.

4.4.2 Historic Topographic Maps
Historic topographic maps from 1925, 1947, 1952, and 1983 were provided by EDR and are included in Appendix E. The topographic maps were reviewed and the following observations were made:
• 1925: No development or roads are indicated in the vicinity of the Subject Property. Across the river, on the eastern bank of the Klamath River indicates the closest development is the presence at that time of 2 buildings at the Martin’s Ferry Bridge, 2 buildings on the ridge above Martins Ferry Bridge.
• 1947: In this map, Owl Creek is visible but unnamed; Tully Creek Road is marked and it shows a cluster of building around the mouth of Tully Creek and increased development across the river along the eastern banks of the Klamath River but no development associated with the Subject Property.
• 1952: This map has no significant differences from the 1947 topo.
• 1983: In the vicinity of the Subject Property, a spur off Tully Creek Road is marked as four wheel drive (4WD) accessible. No buildings or development are evident.

4.4.3 Historic City Directories
Historic city directory data has no listing for the Subject Property, however there was coverage associated with addresses along the main access, Tully Creek Road for 8 connections in 1999 and double that number (16) by 2013. Documentation is included in Appendix E.

4.4.4 Sanborn Fire Insurance Maps
Historic Sanborn Fire Insurance Maps were not found with coverage for the Subject Property. Documentation is included in Appendix F.

4.5 Historical Use Information on Adjoining Properties
The private timber company, Green Diamond Resource Company owns the majority of the adjoining lands to the west of Subject Property’s and manages them for commercial harvest. With the exception of Green Diamond’s policy of use and application of pesticides, including the herbicide 2-4D, no historical use information on the adjoining properties was available that indicates any significant impacts that might contribute to recognized environmental conditions in connection with the property.

Other adjoining properties are rural residential and used as Tribal Members’ assignments for their residences and remain primarily forested.
5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions
The Subject Property was inspected by Suzanne Fluharty of the Yurok Tribe Environmental Program on September 9, 2015. Photographs and the Field Inspection Check List from the site visit of both the Tully Creek Firehouse and Community Center and the recently leveled regions of the Owl Creek Housing Development property are included in Appendix A.

General limitations included thick understory brush including the ubiquitous blackberry vines that obscure the ground and soil of all areas not kept cleared. For these Subject Properties, this holds true for all areas beyond the parking and storage areas at the Firehouse/ Community Center and the recently leveled regions of the Owl Creek Housing Development. Observations of the interior of the Firehouse were unhindered. The interiors of the Conex storage containers were not available for viewing.

5.2 General Site Settings
The entrance to the Subject Property diverts from Tully Creek Road by an enlarged shoulder that extends into a driveway and parking area that surrounds a central, 3,357 square foot, two story large metal building that on the base floor, that houses 1) the Yurok Volunteer Fire Company’s offices, a radio dispatch room, and vehicle bay (with front and rear access); 2) a small kitchen and two bathrooms with showers; and 3) the community gym. The upper floor houses the Yurok Tribe’s GIS division of the Tribe’s Information Services Department. The outdoor area includes paved parking spaces, truck washing area, and fire hose cleaning and drying rack. The bulk of the property remains undeveloped, forested property of native trees, shrubs and herbs. There is a small unpaved track/ trail that proceeds beyond the drive to the west of the main building and offers access to Owl Creek and the intakes for the domestic water systems of the Firehouse/ Community Center, the proposed Owl Creek Housing Development, and nearby residences.

5.3 Exterior Setting
All the buildings appeared in good condition at the time of the site visit. Exterior siding and roof consist of steel sheeting.

There are numerous small power poles and one that supports what appears to be single phase pole mounted transformer. It is probable that they were installed at the time the Firehouse/Community Center was built in 2009 and would not contain PCB cooling fluid. The exterior of the transformers appear in good condition with no visible leaks. There are no listings in the PCB Transformer Registration Database (EDR Radius Map:6 & GR26) for the properties.

The interviewed Tribal staff pointed out the locations of two septic tanks and clean-outs adjacent to the south of the main building and shown in Figures 4 and 5, located in Appendix G Site Photographs. At the time of the field inspection there were no smells or effluents present. The septic were capped and seem well maintained.
5.4 Interior Observations

- Inspections were made of the offices, vehicle bay, and community gym housed within the Firehouse/Community Center and no petroleum or petroleum products, hazardous materials, or staining, were observed; all spaces were well maintained with no visible sheens, pooling, or odors that would indicate a release.
- Behind the kitchen area, along a central hallway are two restrooms with shower stalls. The plumbing appeared in good repair and water flowed freely in the sinks and toilets flushed and drained quickly.
- No interior inspections were made of interiors of the Conex storage units.
6.0 INTERVIEWS

6.1 Interview with Owner/ Site Manager

The property is owned by the United States and held in trust for the Yurok Tribe by the Bureau of Indian Affairs and the Yurok Tribe is the de facto owner. The Yurok Tribal Council manages the property through its staff.

The Yurok Planning Department oversees Tribal Development and Land Use. Their Director, Peggy O’Neil was interviewed by phone on October 12, 2015 and has provided responses to an environmental questionnaire concerning the subject property. The completed questionnaire is included in Appendix A and her remarks summarized below.

In addition, in his role as Environmental Specialist, Emery Mattz, with YTEP’s Pollution Prevention Division was interviewed September 9, 2015 and stated that he was unaware of any environmental issues with the property.

6.2 Interviews with Occupants

The property is primarily utilized as 1) the Tully Creek Fire House and Community Center and 2) access to the intake for the Owl Creek Water System. The Fire House/Community Center is accessed directly from Tully Creek Road. Approximately ¼ mile north of the primary access into the Subject Property is an area commonly known as the Owl Creek Development. This area is in the process of being developed and 16 homes are planned to be built, however at this time none have been completed and all development stopped due to concerns for adequate quantity and quality of drinking water.

For the purposes of this report, although they do not live there, the Yurok Tribal Staff who work at the Fire House/Community Center are primarily the GIS Department who represent the facilities’ occupants. GIS Coordinator, Shaonna Chase and Survey Technician, Carlton Gibbons provided written answers on the Environmental Questionnaires, their remarks summarized below, and copies of the questionnaires are located in Appendix A.

Staff were also interviewed as occupants on August 21, 2015. These included: Elaina (Elly) O'Rourke, GIS Manager; Shaonna Chase, GIS Coordinator; and Survey Technician Carlton Gibbens.

All interviewees agreed that they knew of no contaminants on the Subject property, either at the Center or at the planned housing development, but expressed concerns of a “sewage smell” after rainfalls. They reported that the McCoy Housing, north and across the road from the Center also, “always smells of septic after a rain”. They further agreed that they had heard that the drinking water at the Center was unsafe and Elaina O'Rourke and Shaonna Chase do not drink from the tap at their offices at the Center. They report that the Tribal Chairman, Thomas O'Rourke, Sr. whose home is ½ mile north of the Subject Property, was made very sick from E. coli in his drinking water that comes from the same source (Owl Creek) as the Center’s. They knew of no environmental contamination on the properties.
6.3 Interviews with Local Government Officials

The Yurok Planning Department Director, Peggy O’Neil was interviewed by phone on October 12, 2015. She reported that prior to the building of the Tully Creek Firehouse and Community Center the property was not being utilized for anything and was vacant, forest land.

During the preparation of the site prior to the commencement of the building, the immediate area was cleared and additional, local soil brought in to level the site. It was then determined that this soil was high in asbestos. This soil was then removed from the site of the building, scraped and piled to the west of the building site and incorporated into the terraced roadbed that leads to the upper storage area.

She knew of no other contaminants on or associated with the property and suggested further information or documentation might be available through Assistant Director, Amanda Mager who was the project coordinator for the Tully Creek facilities. On October 21, she had staff email the 2005 dump pictures and the water system specifications. She was searching for but unable to locate any additional documents regarding asbestos levels in the soils.
7.0 FINDINGS

Based on information obtained from both the historic record and visual site investigation:

- No contamination exists on the Subject Property as defined by ASTM as the presence or likely presence of any hazardous substance or petroleum products that indicate an existing release or a material threat of release of any hazardous substances and petroleum products.

However, two issues that may present public health concerns were found.

1. During interviews with local government official, Planning Department Director, Peggy O’Neil recalled that the soil brought onto site, APN 530-12-202 reportedly contained high levels of asbestos above Environmental Screening Levels for commercial and residential building uses. It was then removed from the foundation area of the Firehouse and Community Center and used as a base layer in the west access road leading to the storage area. No physical records could be found regarding this at the time of the investigation.

2. All interviewed staff at the Tully Creek Firehouse and Community Center, Planning Department, and various community members report that strong sewage smells at both the Center and at the McCoy Housing Development occur after heavy rainfall.
8.0 OPINION

8.1 Recognized Environmental Concerns and Historic Recognized Environmental Concerns

Based on information obtained from this investigation, it is my opinion that;

• No current conditions rise to the level of regulatory enforcement and for this reason NO Recognized Environmental Concerns (RECs) exist at the Subject Property;
• The potential for unknown levels of asbestos at the Tully Creek Firehouse and Community Center site may either exist de minimis, or at an enforceable level for commercial and residential building uses.

8.2 Opinion Regarding Additional Appropriate Investigation

Based upon the likely presence of asbestos contamination at the Subject Property, outlined in section 8.1, it is the opinion of this environmental professional that additional appropriate investigations be conducted prior to any future building or soil disturbing activities connected with the immediate area of the Tully Creek Firehouse and Community Center to determine if they are de minimis conditions.

In addition, due to the reported problems with multiple septic systems utilized in the area, it seems probable that a public health risk may exist. It is therefore recommended that a sanitary investigation of the systems should be undertaken.

Qualifications of the environmental professionals that prepared this report are included in Appendix H.
9.0 CONCLUSIONS

We have performed an Environmental Site Assessment at adjoining properties, in common referred to as Subject Property, located at the Tully Creek Firehouse and Community Center and on the Owl Creek Development, located at 1205 Tully Creek Road, four miles northwest of Weitchpec, California, near the crossing of the Klamath River by the Bald Hills Road via the Martins Ferry Bridge. The associated Humboldt County Assessor Parcel Numbers (APN) are 530-12-202 and 531-076-020. They are centrally sited on longitude -123.6516 by latitude 41.2246.

This assessment has revealed no evidence of recognized environmental conditions in connection with the properties except for possible *de minimus* asbestos levels in the fill of the west access road to the upper storage area.

Regarding the community concerns over possible environmental contaminants’ impacting the existing, private Owl Creek Water System, this assessment found no evidence of any such contamination. Sources for the E.coli levels in the water system exist either off the subject parcels in the upper reaches of Owl Creek and/or may be introduced or exacerbated through the water distribution systems.
10.0 DEVIATIONS

There were no significant deviations from ASTM E 1527-13.
11.0 REFERENCES


Rocha, M. 2006. Environmental Review Record Including Environmental Assessment According to the National Environmental Policy Act for the Tulley Creek Fire and Fitness Center

Parcel Quest: California Parcel and Property Data. Online database. <www.parcelquest.com>
APPENDIX A ENVIRONMENTAL QUESTIONNAIRES AND FIELD SITE INSPECTION FORM
Yurok Tribe Environmental Program: Environmental Questionnaire - VIA PHONE INTERVIEW

767-487-1350 x 1359

Respondent: Date: Aug 14, 2015 Peggy O'Neil
Name: Peggy O'Neil
Title: Assistant Director of Planning
Organization: YT

Status:
☐ Owner  ☐ Site manager  ☐ Occupant  ☒ Government Official
☐ Other: explain

What is the current use of the property?
Tribal offices and Community Fitness Center

Do you know the past use of this property?
☐ Yes  ☒ No
If yes, describe:
I don't remember the property being used for ANYTHING.

Are there any transactions planned or underway for this property? If yes, what type?
☐ Yes  ☒ No  ☐ Unknown
☐ Sale  ☐ Purchase  ☐ Exchange
☐ Other: explain

Who is the site contact for the property?
Maintenance/Facilities Dept.

How can the site contact be reached?
Dean Baker, Public Works Director

Who is the owner of the property?
Tribe

Who are the occupants of the property?
Daily workers/staff
Do you have any specialized knowledge or experience related to the property or nearby properties?
☑ Yes  ☐ No

If yes, describe: Planning Department got the grant to build the field house/community center.

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry?
☐ Yes  ☑ No

If yes, describe: ____________________________

Do you know of specific chemicals that are present or once were present at the property?
☑ Yes  ☐ No

If yes, describe: I don't remember any dump - but did use soils that high asbestos content, they were then removed - behind the center or the flat bench area with the road to the storage area.

Do you know of any spills of other chemical releases that have taken place at the property?
☐ Yes  ☑ No

If yes, describe: no releases.

Do you know of any environmental clean ups that have taken place at the property?
☐ Yes  ☑ No

If yes, describe: But maybe Manly knows.

Based on your knowledge and experience related to the property, are there any indicators that point to the likely presence of contamination at the property?
☐ Yes  ☑ No

If yes, describe: Only the soil with asbestos.
PROPERTY: OWL CREEK

YTEP COMMUNITY CONCERN QUESTIONNAIRE

WHO YOU ARE: You are not required to give us your name, but it would enable us to follow up with you

Name: Carlton Gilmore
Telephone: 707 601 4005
Address: HC64 Site 3 Box 3
Hoop CA 95546

How long have you lived in the area? 25 years
X I am Yurok _ I am not Yurok

LOCATION: (Please write property name) Tulley Creek office, Owl Creek

I know the location _ I know the vicinity
_ I know where contamination IS (Please describe where):

WHAT IMPACTS: Please identify, if you can, the primary part of the environment effected by contaminants

_ Air _ Land/soil _ Animals we eat _ Plants we use
X Drinking Water _ Surface Water/ Creeks/ River _ Springs

Please describe:

WHY OR HOW YOU KNOW: What is the source of your information?

X I heard about it _ I saw it _ I think it's there _ Other (describe below)

Additional information about how you know or who you learned the information from:

IMPACT OF CONTAMINATION: Have you made changes in your use of this property or the resources on or near it as a result of your concern?

_ Yes _ No

How:
Smell septic every time it rains

LEVEL OF CONCERN: Please indicate your level of concern by placing an X on the line below:

X
Not Much Moderate A Lot

WHAT IS NEXT DOOR: Please describe use of neighboring properties:
**WHAT IS THERE:**

<table>
<thead>
<tr>
<th>Homes</th>
<th>a) If it has homes, when were the first houses built?</th>
</tr>
</thead>
<tbody>
<tr>
<td>b) If it has trailers, when were they moved there?</td>
<td></td>
</tr>
<tr>
<td>c) Is there piped water?</td>
<td></td>
</tr>
<tr>
<td>d) Are there indoor toilets and septic system?</td>
<td></td>
</tr>
<tr>
<td>e) Do you any concerns about this use? What:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mill Site</th>
<th>a) What years do you think the mill was in operation?</th>
</tr>
</thead>
<tbody>
<tr>
<td>b) Can you describe the location of the teepee burner?</td>
<td></td>
</tr>
<tr>
<td>c) Was any wood treatment performed at the mill?</td>
<td></td>
</tr>
<tr>
<td>e) Do you any concerns about this use? What:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mining Site</th>
<th>a) What years do you think the mine was in operation?</th>
</tr>
</thead>
<tbody>
<tr>
<td>b) Can you describe the type of mining operation that was used?</td>
<td></td>
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<tr>
<td>c) Can you describe the location of the sluice box?</td>
<td></td>
</tr>
<tr>
<td>e) Do you any concerns about this use? What:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gas Station</th>
<th>a) What years do you think the gas station was in operation?</th>
</tr>
</thead>
<tbody>
<tr>
<td>b) Were there any above ground gasoline storage tanks? Where?</td>
<td></td>
</tr>
<tr>
<td>c) Was any auto repair done there?</td>
<td></td>
</tr>
<tr>
<td>e) Do you any concerns about this use? What:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drug production (please circle all that apply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methamphetamines</td>
</tr>
<tr>
<td>a) What years do you think the drugs were being produced?</td>
</tr>
<tr>
<td>b) Do you any concerns about this use? What:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dumpsite (Please circle typical items that were dumped on the property)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batteries</td>
</tr>
<tr>
<td>a) Describe other items:</td>
</tr>
<tr>
<td>b) Do you any concerns about this use? What:</td>
</tr>
</tbody>
</table>

Please describe any other contaminants or concerns you have about this property:
PROPERTY: OWL CREEK

YTEP COMMUNITY CONCERN QUESTIONNAIRE

WHO YOU ARE: You are not required to give us your name, but it would enable us to follow up with you.

Name: Shawna Chase

Address:

How long have you lived in the area? __ I am Yurok __ I am not Yurok

LOCATION: (Please write property name) Tulley Creek Fire + Fitness Center

☑ I know the location ☐ I know the vicinity

☐ I know where contamination is (Please describe where):

WHAT IMPACTS: Please identify, if you can, the primary part of the environment affected by contaminants.

☐ Air ☐ Land/soil ☐ Animals we eat ☐ Plants we use

☒ Drinking Water ☐ Surface Water/Creeks/River ☐ Springs

Please describe: Both quality at T. Fire F and at OCK develop septic issues at Werry Homes, water with standing water with smell.

WHY OR HOW YOU KNOW: What is the source of your information?

☑ I heard about it ☐ I saw it ☐ I think it's there ☐ Other (describe below)

Additional information about how you know or who you learned the information from:

Never heard of cattle in this area.

IMPACT OF CONTAMINATION: Have you made changes in your use of this property or the resources on or near it as a result of your concern?

☑ Yes ☐ No

How:

I do not drink the water.

LEVEL OF CONCERN: Please indicate your level of concern by placing an X on the line below:

☐ Not Much ☐ Moderate ☐ A Lot

WHAT IS NEXT DOOR: Please describe use of neighboring properties:

Residential, Marijuana grows.
<table>
<thead>
<tr>
<th>WHAT IS THERE:</th>
<th></th>
</tr>
</thead>
</table>
| ✗ Homes        | a) If it has homes, when were the first houses built?  
|                | b) If it has trailers, when were they moved there?  
|                | c) Is there piped water? Yes  
|                | d) Are there indoor toilets and septic system? Yes  
|                | e) Do you any concerns about this use? What:  |
| Mill Site      | a) What years do you think the mill was in operation?  
|                | b) Can you describe the location of the teepee burner?  
|                | c) Was any wood treatment performed at the mill?  
|                | e) Do you any concerns about this use? What:  |
| Mining Site    | a) What years do you think the mine was in operation?  
|                | b) Can you describe the type of mining operation that was used?  
|                | c) Can you describe the location of the sluice box?  
|                | e) Do you any concerns about this use? What:  |
| Gas Station    | a) What years do you think the gas station was in operation?  
|                | b) Were there any above ground gasoline storage tanks? Where?  
|                | c) Was any auto repair done there?  
|                | e) Do you any concerns about this use? What:  |
| Drug production (please circle all that apply) | Methamphetamines  
| | Crack  
| | Marijuana  
| | Other  
| | a) What years do you think the drugs were being produced?  
| | b) Do you any concerns about this use? What:  |
| Dumpsite (Please circle typical items that were dumped on the property) | Batteries  
| | Gas cans  
| | Household garbage  
| | Furniture  
| | Chemicals  
| | a) Describe other items:  
| | b) Do you any concerns about this use? What:  |

Please describe any other contaminants or concerns you have about this property:  

E. coli
BROWNFIELDS- ESA PHASE I FIELD INSPECTION CHECK LIST

Date of Survey: April 14, 2015
Inspected By: S. Elich* / R. Megeno

PROPERTY: TULLY CR FIRE HOUSE

INSTRUCTIONS: Check each category. Briefly describe condition if 'On site' or 'Nearby' Applicable" is checked. Describe the distance if nearby is checked.

<table>
<thead>
<tr>
<th>Outdoor property areas: • Debris / dumping</th>
<th>Construction waste</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Drums / containers</td>
<td></td>
<td></td>
<td>x</td>
</tr>
<tr>
<td></td>
<td>Hazardous waste</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Household waste</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Industrial waste</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Burning</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Abandoned vehicles</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric transmission pole / pad</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Fills: possible cover for dumps</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
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<tr>
<td>Machinery repair areas</td>
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<tr>
<td>Major electrical equipment</td>
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<tr>
<td>Pipelines</td>
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<tr>
<td>Unusual chemical odors</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PCB containing equipment</th>
<th>Electrical transformers</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newly installed, no PCB</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Pits, ponds, or lagoons</th>
<th>Oil seeps</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oil slicks, colors on water</td>
<td></td>
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<tr>
<td></td>
<td>Stained ground, stream banks</td>
<td></td>
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<tr>
<td></td>
<td>&quot;Sterile or Dead&quot; water bodies</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Stained soil or pavement</th>
<th>Oily</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fire darkened</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Chemical bleaching</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Septic Systems</th>
<th>Unusual chemical odors</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid Waste visible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sewage smell present</td>
<td></td>
<td></td>
<td>REPORTED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Storage Tanks</th>
<th>UST</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AST</td>
<td></td>
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<tr>
<td></td>
<td>Water</td>
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<td></td>
<td>Pesticides</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Vegetation</th>
<th>None / Bare ground</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stressed coloration</td>
<td></td>
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<td></td>
<td>Deformities</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Wells</th>
<th>None / Bare ground</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Buildings: Newly constructed</th>
<th>Asbestos materials /shingles</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lead based paint</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Machinery repair areas</td>
<td></td>
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<td>x</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Interior:</th>
<th>Lead based paint</th>
<th>On Site</th>
<th>None</th>
<th>Near By</th>
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<tbody>
<tr>
<td></td>
<td>Chemical / Solvents storage</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Equipment repair areas</td>
<td></td>
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<tr>
<td></td>
<td>Asbestos sprayed fire proofing</td>
<td></td>
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<tr>
<td></td>
<td>Acoustical Plaster</td>
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<td></td>
<td>Heating fuel oil</td>
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<tr>
<td></td>
<td>Controlled Substances</td>
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<tr>
<td></td>
<td>Staining / Corrosion on surfaces</td>
<td></td>
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<td>x</td>
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</tbody>
</table>
**BROWNFIELDS- ESA PHASE I FIELD INSPECTION CHECK LIST**

**Date of Survey:** Sept 16 2015

**Property:** BROWN FIELDS - ESA PHASE I FIELD INSPECTION CHECK

**Inspected By:** S. Flickhart

**INSTRUCTIONS:** Check each category. Briefly describe condition if 'On site' or 'Near by'

Applicable" is checked. Describe the distance if nearby is checked.

<table>
<thead>
<tr>
<th>Outdoor property areas:</th>
<th>Debris / dumping</th>
<th>Construction waste</th>
<th>Drums / containers</th>
<th>Hazardous waste</th>
<th>Household waste</th>
<th>Industrial waste</th>
<th>Burning</th>
</tr>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>General Conditions</th>
<th>Abandoned vehicles</th>
<th>Electric transmission pole / pad</th>
<th>Fills possible cover for dumps</th>
<th>Machinery repair areas</th>
<th>Major electrical equipment</th>
<th>Pipelines</th>
<th>WATER ONLY</th>
<th></th>
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<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>PCB containing equipment</th>
<th>Electrical transformers</th>
<th>Hydraulic equipment /lifts</th>
<th>Oil seeps</th>
<th>Oil slicks, colors on water</th>
<th>Stained ground, stream banks</th>
<th>&quot;Sterile or Dead&quot; water bodies</th>
</tr>
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<th>Stained soil or pavement</th>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Septic Systems</th>
<th>Unusual chemical odors</th>
<th>Solid Waste visible</th>
<th>Sewage smell present</th>
<th></th>
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</thead>
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<tr>
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<th>Water</th>
<th>Pesticides</th>
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</table>

<table>
<thead>
<tr>
<th>Vegetation</th>
<th>None/ Bare ground</th>
<th>Stressed coloration</th>
<th>Deformities</th>
<th></th>
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<th>Asbestos materials /shingles</th>
<th>Lead based paint</th>
<th>Machinery repair areas</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

**Buildings:**

Asbestos materials /shingles
Lead based paint
Machinery repair areas

**Interior:**

No Buildings at Owl Creek Housing area

Lead based paint
Chemical / Solvents storage
Equipment repair areas
Asbestos sprayed fire proofing
Acoustical Plaster
Heating fuel oil
Controlled Substances
Staining/ Corrosion on surfaces
Owl Creek Development
1205 Tully Creek Rd
Hoopa, CA  95546

Inquiry Number: 4291429.10s
May 11, 2015
Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.
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**

1205 TULLY CREEK RD  
HOOPA, CA 95546

**COORDINATES**

Latitude (North): 41.2177000 - 41° 13’ 3.72”
Longitude (West): 123.7717000 - 123° 46’ 18.12”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 435310.8
UTM Y (Meters): 4562999.0
Elevation: 647 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map: 41123-B7 FRENCH CAMP RIDGE, CA
Most Recent Revision: 1983

**AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20120531
Source: USDA
Target Property Address:
1205 TULLY CREEK RD
HOOPA, CA  95546

Click on Map ID to see full detail.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>ADDRESS</th>
<th>DATABASE ACRONYMS</th>
<th>RELATIVE ELEVATION</th>
<th>DIST (ft. &amp; mi.)</th>
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</thead>
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<td>INDIAN RESERV</td>
<td>Same</td>
<td>1 ft.</td>
<td></td>
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</table>
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*
- CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
- FEDERAL FACILITY: Federal Facility Site Information listing

*Federal CERCLIS NFRAP site List*
- CERC-NFRAP: CERCLIS No Further Remedial Action Planned

*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: Conditionally Exempt Small Quantity Generator

*Federal institutional controls / engineering controls registries*
- US ENG CONTROLS: Engineering Controls Sites List
- US INST CONTROL: Sites with Institutional Controls
EXECUTIVE SUMMARY

LUCIS.................................Land Use Control Information System

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
SLIC.................................Statewide SLIC Cases
INDIAN LUST........................Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists
UST.................................Active UST Facilities
AST.................................Aboveground Petroleum Storage Tank Facilities
INDIAN UST........................Underground Storage Tanks on Indian Land
FEMA UST............................Underground Storage Tank Listing

State and tribal voluntary cleanup sites
INDIAN VCP........................Voluntary Cleanup Priority Listing
VCP.................................Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS...............A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
ODI.................................Open Dump Inventory
DEBRIS REGION 9.....................Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..............................Recycler Database
HAULERS.............................Registered Waste Tire Haulers Listing
INDIAN ODI........................Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT.........................Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites
US CDL...............................Clandestine Drug Labs
### EXECUTIVE SUMMARY

<table>
<thead>
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<th>Database/Program</th>
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<tbody>
<tr>
<td>HIST Cal-Sites</td>
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<td>Toxic Pits</td>
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**Local Lists of Registered Storage Tanks**

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**Local Land Records**

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**Records of Emergency Release Reports**

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**Other Ascertainable Records**

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<td>CUPA Listings</td>
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</table>

TC4291429.10s EXECUTIVE SUMMARY 5
Notify 65 Proposition 65 Records
DRYCLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
ENF Enforcement Action Listing
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
WDS Waste Discharge System
MWMP Medical Waste Management Program Listing
PCB TRANSFORMER PCB Transformer Registration Database
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
LEAD SMELTERS Lead Smelter Sites
Financial Assurance Financial Assurance Information Listing
PROC Certified Processors Database
HWT Registered Hazardous Waste Transporter Database
HWP EnviroStor Permitted Facilities Listing
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
US AIRS Aerometric Information Retrieval System Facility Subsystem
COAL ASH DOE Steam-Electric Plant Operation Data
2020 COR ACTION 2020 Corrective Action Program List
PRP Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA LUST Recovered Government Archive Leaking Underground Storage Tank
RGA LF Recovered Government Archive Solid Waste Facilities List

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.
### ADDITIONAL ENVIRONMENTAL RECORDS

**Other Ascertainable Records**

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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<tbody>
<tr>
<td>YUROK INDIAN RESERVA</td>
<td>0 - 1/8 (0.000 mi.)</td>
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Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

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<thead>
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<td>CERCLIS</td>
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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: Owl Creek Development
ADDRESS: 1205 Tully Creek Rd
Hoopa CA 95546
LAT/LONG: 41.2177 / 123.7717

CLIENT: Yurok Tribe
CONTACT: Suzanne Fluharty
INQUIRY #: 4291429.10S
DATE: May 11, 2015 9:19 pm
### Standard Environmental Records

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## MAP FINDINGS SUMMARY

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<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
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<th>Total Plotted</th>
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<td>NR</td>
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**Other Ascertainable Records**

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**NOTES:**
- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
IND RES
Region
< 1/8
1 ft.

YUROK INDIAN RESERVATION

YUROK INDIAN RESERVATION (County), CA

INDIAN RESERV:
Feature: Indian Reservation
Name: Yurok Indian Reservation
Agency: BIA
State: CA
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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.

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**NPL Site Boundaries**

Sources:

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  - Telephone: 202-564-7333
- EPA Region 1: Telephone 617-918-1143
- EPA Region 2: Telephone 215-814-5418
- EPA Region 3: Telephone 404-562-8033
- EPA Region 4: Telephone 312-886-6686
- EPA Region 5: Telephone 206-553-8665
- EPA Region 6: Telephone 214-655-6659
- EPA Region 7: Telephone 913-551-7247
- EPA Region 8: Telephone 303-312-6774
- EPA Region 9: Telephone 415-947-4246

**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.

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<td>02/09/2015</td>
<td>04/08/2015</td>
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**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.

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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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32
Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
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.

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.

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.

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.
**Federal institutional controls / engineering controls registries**

**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: 09/18/2014
- Date Data Arrived at EDR: 09/19/2014
- Date Made Active in Reports: 10/20/2014
- Number of Days to Update: 31
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 02/26/2015
- Next Scheduled EDR Contact: 06/15/2015
- 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: 09/18/2014
- Date Data Arrived at EDR: 09/19/2014
- Date Made Active in Reports: 10/20/2014
- Number of Days to Update: 31
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 02/26/2015
- Next Scheduled EDR Contact: 06/15/2015
- Data Release Frequency: Varies

**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: 12/03/2014
- Date Data Arrived at EDR: 12/12/2014
- Date Made Active in Reports: 01/29/2015
- Number of Days to Update: 48
- Source: Department of the Navy
- Telephone: 843-820-7326
- Last EDR Contact: 02/16/2015
- Next Scheduled EDR Contact: 06/01/2015
- Data Release Frequency: Varies

**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: 09/29/2014
- Date Data Arrived at EDR: 09/30/2014
- Date Made Active in Reports: 11/06/2014
- Number of Days to Update: 37
- Source: National Response Center, United States Coast Guard
- Telephone: 202-267-2180
- Last EDR Contact: 03/31/2015
- Next Scheduled EDR Contact: 07/13/2015
- 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: 03/11/2015
- Date Data Arrived at EDR: 03/12/2015
- Date Made Active in Reports: 03/18/2015
- Number of Days to Update: 6
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 05/05/2015
- Next Scheduled EDR Contact: 08/17/2015
- 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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
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: 02/16/2015
Date Data Arrived at EDR: 02/17/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 14
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

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
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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: 12/26/2011
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 02/28/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned
LUST: Geotracker’s Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

| Date of Government Version: 03/13/2015 | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 03/18/2015 | Telephone: see region list |
| Date Made Active in Reports: 03/24/2015 | Last EDR Contact: 03/18/2015 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 06/29/2015 |
| 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 | Source: California Regional Water Quality Control Board North Coast (1) |
| Date Data Arrived at EDR: 02/28/2001 | Telephone: 707-570-3769 |
| Date Made Active in Reports: 03/29/2001 | Last EDR Contact: 08/01/2011 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 11/14/2011 |
| Data Release Frequency: Quarterly |

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 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 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 | Source: California Regional Water Quality Control Board Central Coast Region (3) |
| Date Data Arrived at EDR: 05/19/2003 | Telephone: 805-542-4786 |
| Date Made Active in Reports: 06/02/2003 | Last EDR Contact: 07/18/2011 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 10/31/2011 |
| 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 | Source: California Regional Water Quality Control Board Los Angeles Region (4) |
| Date Data Arrived at EDR: 09/07/2004 | Telephone: 213-576-6710 |
| Date Made Active in Reports: 10/12/2004 | Last EDR Contact: 09/06/2011 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 12/19/2011 |
| Data Release Frequency: No Update Planned |
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
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

SLIC: Statewide SLIC Cases
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: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

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  Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004  Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005  Last EDR Contact: 07/01/2011
Number of Days to Update: 47  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  Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005  Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005  Last EDR Contact: 09/12/2011
Number of Days to Update: 16  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  Source: Regional Water Quality Control Board, Victorville Branch
Date Data Arrived at EDR: 05/25/2005  Telephone: 619-241-6583
Date Made Active in Reports: 06/16/2005  Last EDR Contact: 08/15/2011
Number of Days to Update: 22  Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

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  Source: California Regional Water Quality Control Board, Lahontan Region
Date Data Arrived at EDR: 09/07/2004  Telephone: 530-542-5574
Date Made Active in Reports: 10/12/2004  Last EDR Contact: 08/15/2011
Number of Days to Update: 35  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  Source: California Regional Quality Control Board, Colorado River Basin Region
Date Data Arrived at EDR: 11/29/2004  Telephone: 760-346-7491
Date Made Active in Reports: 01/04/2005  Last EDR Contact: 08/01/2011
Number of Days to Update: 36  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  Source: California Region Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 04/03/2008  Telephone: 951-782-3298
Date Made Active in Reports: 04/14/2008  Last EDR Contact: 09/12/2011
Number of Days to Update: 11  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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

- Date of Government Version: 02/03/2015
- Date Data Arrived at EDR: 02/12/2015
- Date Made Active in Reports: 03/13/2015
- Number of Days to Update: 29
- Source: EPA Region 10
- Telephone: 206-553-2857
- Last EDR Contact: 04/27/2015
- Next Scheduled EDR Contact: 08/10/2015
- Data Release Frequency: Quarterly

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: 01/28/2015
- Date Data Arrived at EDR: 01/30/2015
- Date Made Active in Reports: 03/13/2015
- Number of Days to Update: 42
- Source: EPA Region 8
- Telephone: 303-312-6271
- Last EDR Contact: 04/27/2015
- Next Scheduled EDR Contact: 08/10/2015
- Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska.

- Date of Government Version: 09/23/2014
- Date Data Arrived at EDR: 11/25/2014
- Date Made Active in Reports: 01/29/2015
- Number of Days to Update: 65
- Source: EPA Region 7
- Telephone: 913-551-7003
- Last EDR Contact: 04/27/2015
- Next Scheduled EDR Contact: 08/10/2015
- 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: 01/23/2015
- Date Data Arrived at EDR: 02/10/2015
- Date Made Active in Reports: 03/13/2015
- Number of Days to Update: 31
- Source: EPA Region 6
- Telephone: 214-665-6597
- Last EDR Contact: 01/26/2015
- Next Scheduled EDR Contact: 05/11/2015
- 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: 09/30/2014
- Date Data Arrived at EDR: 03/03/2015
- Date Made Active in Reports: 03/13/2015
- Number of Days to Update: 10
- Source: EPA Region 4
- Telephone: 404-562-8677
- Last EDR Contact: 04/27/2015
- Next Scheduled EDR Contact: 08/10/2015
- Data Release Frequency: Semi-Annually

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: 02/01/2013
- Date Data Arrived at EDR: 05/01/2013
- Date Made Active in Reports: 11/01/2013
- Number of Days to Update: 184
- Source: EPA Region 1
- Telephone: 617-918-1313
- Last EDR Contact: 04/03/2015
- Next Scheduled EDR Contact: 08/10/2015
- Data Release Frequency: Varies
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: 01/30/2015  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 32  

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

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: 01/08/2015  
Date Data Arrived at EDR: 01/08/2015  
Date Made Active in Reports: 02/09/2015  
Number of Days to Update: 32  

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 01/08/2015  
Next Scheduled EDR Contact: 05/11/2015  
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015  
Date Data Arrived at EDR: 03/18/2015  
Date Made Active in Reports: 03/26/2015  
Number of Days to Update: 8  

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 03/18/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 10/01/2009  
Number of Days to Update: 21  

Source: California Environmental Protection Agency  
Telephone: 916-327-5092  
Last EDR Contact: 07/13/2015  
Next Scheduled EDR Contact: 04/13/2015  
Data Release Frequency: Quarterly

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: 01/30/2015  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/13/2015  
Number of Days to Update: 36  

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
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: 09/30/2014  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/13/2015  
Number of Days to Update: 10  

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Semi-Annually
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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies
FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.
- Date of Government Version: 01/01/2010
- Source: FEMA
- Telephone: 202-646-5797
- Last EDR Contact: 04/13/2015
- Next Scheduled EDR Contact: 07/27/2015
- 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
- Telephone: 913-551-7365
- Last EDR Contact: 04/20/2009
- 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: 09/29/2014
- Source: EPA, Region 1
- Telephone: 617-918-1102
- Last EDR Contact: 04/02/2015
- Next Scheduled EDR Contact: 07/13/2015
- 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: 03/11/2015
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 05/05/2015
- Next Scheduled EDR Contact: 08/17/2015
- Data Release Frequency: Quarterly

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: 12/22/2014
- Source: Environmental Protection Agency
- Telephone: 202-566-2777
- Last EDR Contact: 03/24/2015
- Next Scheduled EDR Contact: 07/06/2015
- Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites
DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites located 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: 04/23/2015
- Next Scheduled EDR Contact: 08/10/2015
- Data Release Frequency: No Update Planned

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

SWRCY: Recycler Database
A listing of recycling facilities in California.

- Date of Government Version: 03/16/2015
- Date Data Arrived at EDR: 03/18/2015
- Date Made Active in Reports: 03/26/2015
- Number of Days to Update: 8
- Source: Department of Conservation
- Telephone: 916-323-3836
- Last EDR Contact: 03/18/2015
- Next Scheduled EDR Contact: 06/29/2015
- Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

- Date of Government Version: 04/04/2015
- Date Data Arrived at EDR: 04/07/2015
- Date Made Active in Reports: 04/13/2015
- Number of Days to Update: 6
- Source: Integrated Waste Management Board
- Telephone: 916-341-6422
- Last EDR Contact: 02/16/2015
- Next Scheduled EDR Contact: 06/01/2015
- Data Release Frequency: Quarterly

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: 05/01/2015
- Next Scheduled EDR Contact: 08/17/2015
- Data Release Frequency: Varies

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: 05/06/2015
- Next Scheduled EDR Contact: 08/24/2015
- Data Release Frequency: No Update Planned
Local Lists of Hazardous waste / Contaminated Sites

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: 02/25/2015  
Date Data Arrived at EDR: 03/10/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 15  
Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/03/2015  
Next Scheduled EDR Contact: 06/15/2015  
Data Release Frequency: Quarterly

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.

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: 03/11/2015  
Date Data Arrived at EDR: 03/12/2015  
Date Made Active in Reports: 03/18/2015  
Number of Days to Update: 6  
Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/05/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Quarterly

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

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: 12/31/2014  
Date Data Arrived at EDR: 03/10/2015  
Date Made Active in Reports: 03/18/2015  
Number of Days to Update: 8  
Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 04/13/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: Varies
US HIST CDL: National Clandestine Laboratory Register
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: 02/25/2015  Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/10/2015  Telephone: 202-307-1000
Date Made Active in Reports: 03/25/2015  Last EDR Contact: 03/03/2015
Number of Days to Update: 15  Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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  Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995  Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995  Last EDR Contact: 12/28/1998
Number of Days to Update: 24  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: 09/23/2009  Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009  Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009  Last EDR Contact: 02/26/2015
Number of Days to Update: 8  Next Scheduled EDR Contact: 06/15/2015
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  Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991  Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991  Last EDR Contact: 07/26/2001
Number of Days to Update: 18  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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.

Date of Government Version: 06/01/1994  Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005  Telephone: N/A
Date Made Active in Reports: 08/11/2005  Last EDR Contact: 06/03/2005
Number of Days to Update: 35  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

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.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.
Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing
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: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
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: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing
The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.
Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6
Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly
MCS: Military Cleanup Sites Listing
The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6
Date of Government Version: 03/13/2015
Source: State Water Resources Control Board
Telephone: 866-480-1028

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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50
Source: FirstSearch
Telephone: N/A

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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31
Source: Environmental Protection Agency
Telephone: (415) 495-8895

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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595

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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 888-275-8747

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.
<table>
<thead>
<tr>
<th>Record Type</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
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<th>Telephone</th>
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<td>Consent: Superfund (CERCLA) Consent Decrees</td>
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<td>Varies</td>
<td>03/30/2015</td>
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<tr>
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<td>Department of Energy</td>
<td>505-845-0011</td>
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<td>Varies</td>
</tr>
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<td>US MINES: Mines Master Index File</td>
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<td>303-231-5959</td>
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<td>U.S. Army Corps of Engineers</td>
<td>202-528-4285</td>
<td>03/13/2015</td>
<td>06/22/2015</td>
<td>Varies</td>
</tr>
</tbody>
</table>

**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.

**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.

**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.

**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.

**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.

**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.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012
Source: EPA
Date Data Arrived at EDR: 01/15/2015
Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015
Last EDR Contact: 03/27/2015
Number of Days to Update: 14
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

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: 02/23/2015
Number of Days to Update: 25
Next Scheduled EDR Contact: 06/08/2015
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: 02/23/2015
Number of Days to Update: 25
Next Scheduled EDR Contact: 06/08/2015
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.

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: 12/17/2008
Number of Days to Update: 40
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  Source: EPA
Date Data Arrived at EDR: 12/10/2010  Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011  Last EDR Contact: 04/10/2015
Number of Days to Update: 77  Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015  Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015  Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015  Last EDR Contact: 04/09/2015
Number of Days to Update: 31  Next Scheduled EDR Contact: 07/27/2015
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: 07/01/2014  Source: EPA
Date Data Arrived at EDR: 10/15/2014  Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014  Last EDR Contact: 04/17/2015
Number of Days to Update: 33  Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

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: 12/29/2014  Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 01/08/2015  Telephone: 301-415-7169
Date Made Active in Reports: 01/29/2015  Last EDR Contact: 03/09/2015
Number of Days to Update: 21  Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

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: 02/27/2015  Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2015  Telephone: 202-343-9775
Date Made Active in Reports: 03/25/2015  Last EDR Contact: 04/09/2015
Number of Days to Update: 26  Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

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: 01/18/2015  Source: EPA
Date Data Arrived at EDR: 02/27/2015  Telephone: (415) 947-8000
Date Made Active in Reports: 03/25/2015  Last EDR Contact: 03/09/2015
Number of Days to Update: 26  Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly
**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 04/17/1995</th>
<th>Source: EPA</th>
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<tr>
<td>Date Data Arrived at EDR: 07/03/1995</td>
<td>Telephone: 202-564-4104</td>
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<td>Date Made Active in Reports: 08/07/1995</td>
<td>Last EDR Contact: 06/02/2008</td>
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<tr>
<td>Number of Days to Update: 35</td>
<td>Next Scheduled EDR Contact: 09/01/2008</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: No Update Planned</td>
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</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 02/01/2015</th>
<th>Source: Environmental Protection Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 02/13/2015</td>
<td>Telephone: 202-564-8600</td>
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<tr>
<td>Date Made Active in Reports: 03/25/2015</td>
<td>Last EDR Contact: 04/27/2015</td>
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<tr>
<td>Number of Days to Update: 40</td>
<td>Next Scheduled EDR Contact: 08/10/2015</td>
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<td></td>
<td>Data Release Frequency: Varies</td>
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</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/31/2011</th>
<th>Source: EPA/NTIS</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR: 02/26/2013</td>
<td>Telephone: 800-424-9346</td>
</tr>
<tr>
<td>Date Made Active in Reports: 04/19/2013</td>
<td>Last EDR Contact: 02/24/2015</td>
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<tr>
<td>Number of Days to Update: 52</td>
<td>Next Scheduled EDR Contact: 06/08/2015</td>
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<td></td>
<td>Data Release Frequency: Biennially</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 01/01/1989</th>
<th>Source: Department of Health Services</th>
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<td>Date Data Arrived at EDR: 07/27/1994</td>
<td>Telephone: 916-255-2118</td>
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<tr>
<td>Date Made Active in Reports: 08/02/1994</td>
<td>Last EDR Contact: 05/31/1994</td>
</tr>
<tr>
<td>Number of Days to Update: 6</td>
<td>Next Scheduled EDR Contact: N/A</td>
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<tr>
<td></td>
<td>Data Release Frequency: No Update Planned</td>
</tr>
</tbody>
</table>

**UIC: UIC Listing**

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

<table>
<thead>
<tr>
<th>Date of Government Version: 11/19/2014</th>
<th>Source: Department of Conservation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 12/15/2014</td>
<td>Telephone: 916-445-2408</td>
</tr>
<tr>
<td>Date Made Active in Reports: 01/29/2015</td>
<td>Last EDR Contact: 03/20/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 45</td>
<td>Next Scheduled EDR Contact: 06/29/2015</td>
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<tr>
<td></td>
<td>Data Release Frequency: Varies</td>
</tr>
</tbody>
</table>
NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/12/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

CORTESSE: "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).

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 10
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

HIST CORTESSE: 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

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: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

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 upholstery cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

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: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies
**ENF: Enforcement Action Listing**


- **Date of Government Version:** 01/26/2015
- **Source:** State Water Resources Control Board
- **Telephone:** 916-445-9379
- **Date Data Arrived at EDR:** 01/28/2015
- **Date Made Active in Reports:** 02/26/2015
- **Number of Days to Update:** 29
- **Last EDR Contact:** 04/27/2015
- **Next Scheduled EDR Contact:** 08/10/2015
- **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.

- **Date of Government Version:** 12/31/2013
- **Source:** California Environmental Protection Agency
- **Telephone:** 916-255-1136
- **Date Data Arrived at EDR:** 10/15/2014
- **Date Made Active in Reports:** 11/19/2014
- **Number of Days to Update:** 35
- **Next Scheduled EDR Contact:** 07/27/2015
- **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:** 12/31/2012
- **Source:** California Air Resources Board
- **Telephone:** 916-322-2990
- **Date Data Arrived at EDR:** 03/25/2014
- **Date Made Active in Reports:** 04/28/2014
- **Number of Days to Update:** 34
- **Next Scheduled EDR Contact:** 07/27/2015
- **Data Release Frequency:** Varies

**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
- **Source:** USGS
- **Telephone:** 202-208-3710
- **Date Data Arrived at EDR:** 12/08/2006
- **Date Made Active in Reports:** 01/11/2007
- **Number of Days to Update:** 34
- **Next Scheduled EDR Contact:** 07/27/2015
- **Data Release Frequency:** Semi-Annually

**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.

- **Date of Government Version:** 03/07/2011
- **Source:** Environmental Protection Agency
- **Telephone:** 615-532-8599
- **Date Data Arrived at EDR:** 03/09/2011
- **Date Made Active in Reports:** 05/02/2011
- **Number of Days to Update:** 54
- **Next Scheduled EDR Contact:** 06/01/2015
- **Data Release Frequency:** Varies

**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 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/21/2014 | Telephone: 617-520-3000 |
| Date Made Active in Reports: 06/17/2014 | Last EDR Contact: 05/07/2015 |
| Number of Days to Update: 88 | Next Scheduled EDR Contact: 08/24/2015 |
| 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 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/03/2015 | Telephone: 703-308-4044 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 02/13/2015 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 05/25/2015 |
| Data Release Frequency: Varies |

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

| Date of Government Version: 11/25/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/26/2014 | Telephone: 703-603-8787 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 04/10/2015 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 07/20/2015 |
| 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 | Source: American Journal of Public Health |
| Date Data Arrived at EDR: 10/27/2010 | Telephone: 703-305-6451 |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 12/02/2009 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: N/A |
| Data Release Frequency: No Update Planned |

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: 02/13/2015 |
| Number of Days to Update: 3 | Next Scheduled EDR Contact: 05/25/2015 |
| Data Release Frequency: Quarterly |

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

| Date of Government Version: 06/19/2007 | Source: State Water Resources Control Board |
| Date Data Arrived at EDR: 06/20/2007 | Telephone: 916-341-5227 |
| Date Made Active in Reports: 06/29/2007 | Last EDR Contact: 02/23/2015 |
| Number of Days to Update: 9 | Next Scheduled EDR Contact: 06/08/2015 |
| Data Release Frequency: Quarterly |

FEDLAND: Federal and Indian Lands
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.

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

MVMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MVMP) 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. MVMP also oversees all Medical Waste Transporters.

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.

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

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: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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: 02/17/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 11
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.
Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information
Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 25
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.
EDR HIGH RISK HISTORICAL RECORDS

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.

EDR US Hist Auto Stat: 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.

EDR US Hist Cleaners: 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.

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
- Data Arrived at EDR: 07/01/2013
- 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

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
- Data Arrived at EDR: 07/01/2013
- 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 groundwater contamination from leaking petroleum USTs).

- Date of Government Version: 01/21/2015
- Data Arrived at EDR: 01/28/2015
- Made Active in Reports: 02/26/2015
- Number of Days to Update: 29
- Source: Alameda County Environmental Health Services
- Telephone: 510-567-6700
- Last EDR Contact: 03/30/2015
- Next Scheduled EDR Contact: 07/13/2015
- Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

- Date of Government Version: 01/21/2015
- Data Arrived at EDR: 01/28/2015
- Made Active in Reports: 02/26/2015
- Number of Days to Update: 29
- Source: Alameda County Environmental Health Services
- Telephone: 510-567-6700
- Last EDR Contact: 03/30/2015
- Next Scheduled EDR Contact: 07/13/2015
- Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

- Date of Government Version: 03/09/2015
- Data Arrived at EDR: 03/24/2015
- Made Active in Reports: 03/31/2015
- Number of Days to Update: 7
- Source: Amador County Environmental Health
- Telephone: 209-223-6439
- Last EDR Contact: 03/23/2015
- Next Scheduled EDR Contact: 06/22/2015
- Data Release Frequency: Varies

BUTTE COUNTY:
CUPA Facility Listing
Cupa facility list.
Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44
Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing
Date of Government Version: 04/17/2015
Date Data Arrived at EDR: 04/21/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 16
Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.
Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24
Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
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: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 7
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list
Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6
Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

EL DORADO COUNTY:
CUPA Facility List
CUPA facility list.
Date of Government Version: 02/24/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6
Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

FRESNO COUNTY:
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: 03/31/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8
Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:
CUPA Facility List
CUPA facility list.
Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11
Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:
CUPA Facility List
Cupula facility list.
Date of Government Version: 02/10/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 19
Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

KERN COUNTY:
Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.
Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

KINGS 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: 03/26/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 7
Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cup facility list

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15
Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
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: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Los Angeles Landfills</td>
<td>Landfills owned and maintained by the City of Los Angeles.</td>
<td>03/05/2009</td>
<td>03/10/2009</td>
<td>04/08/2009</td>
<td>29</td>
<td>Engineering &amp; Construction Division</td>
<td>213-473-7869</td>
<td>04/15/2015</td>
<td>08/03/2015</td>
<td>Varies</td>
</tr>
<tr>
<td>Site Mitigation List</td>
<td>Industrial sites that have had some sort of spill or complaint.</td>
<td>01/15/2015</td>
<td>01/29/2015</td>
<td>03/10/2015</td>
<td>40</td>
<td>Community Health Services</td>
<td>323-890-7806</td>
<td>04/16/2015</td>
<td>08/03/2015</td>
<td>Varies</td>
</tr>
<tr>
<td>City of El Segundo Underground Storage Tank</td>
<td>Underground storage tank sites located in El Segundo city.</td>
<td>03/30/2015</td>
<td>04/02/2015</td>
<td>04/13/2015</td>
<td>11</td>
<td>City of El Segundo Fire Department</td>
<td>310-524-2236</td>
<td>03/06/2015</td>
<td>08/03/2015</td>
<td>Annually</td>
</tr>
<tr>
<td>City of Long Beach Underground Storage Tank</td>
<td>Underground storage tank sites located in the city of Long Beach.</td>
<td>01/29/2015</td>
<td>02/13/2015</td>
<td>02/26/2015</td>
<td>13</td>
<td>City of Long Beach Fire Department</td>
<td>562-570-2563</td>
<td>04/27/2015</td>
<td>08/10/2015</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>City of Torrance Underground Storage Tank</td>
<td>Underground storage tank sites located in the city of Torrance.</td>
<td>01/08/2015</td>
<td>01/15/2015</td>
<td>01/27/2015</td>
<td>12</td>
<td>City of Torrance Fire Department</td>
<td>310-618-2973</td>
<td>04/13/2015</td>
<td>07/27/2015</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

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.
MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

MONO COUNTY:

CUPA Facility List
CUPA Facility List

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

PLACER COUNTY:
Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
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: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 33

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
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: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
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.
<table>
<thead>
<tr>
<th>Date of Government Version: 03/02/2015</th>
<th>Source: San Bernardino County Fire Department Hazardous Materials Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 03/03/2015</td>
<td>Telephone: 909-387-3041</td>
</tr>
<tr>
<td>Date Made Active in Reports: 03/10/2015</td>
<td>Last EDR Contact: 02/09/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 7</td>
<td>Next Scheduled EDR Contact: 05/25/2015</td>
</tr>
<tr>
<td>Data Release Frequency:</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

**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.)

<table>
<thead>
<tr>
<th>Date of Government Version: 09/23/2013</th>
<th>Source: Hazardous Materials Management Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 09/24/2013</td>
<td>Telephone: 619-338-2268</td>
</tr>
<tr>
<td>Date Made Active in Reports: 10/17/2013</td>
<td>Last EDR Contact: 03/10/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 23</td>
<td>Next Scheduled EDR Contact: 06/22/2015</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
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</tr>
</tbody>
</table>

**Solid Waste Facilities**

San Diego County Solid Waste Facilities.

<table>
<thead>
<tr>
<th>Date of Government Version: 10/31/2014</th>
<th>Source: Department of Health Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 11/21/2014</td>
<td>Telephone: 619-338-2209</td>
</tr>
<tr>
<td>Date Made Active in Reports: 12/29/2014</td>
<td>Last EDR Contact: 04/27/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 38</td>
<td>Next Scheduled EDR Contact: 08/10/2015</td>
</tr>
<tr>
<td>Data Release Frequency: Varies</td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Date of Government Version: 03/23/2010</th>
<th>Source: San Diego County Department of Environmental Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 06/15/2010</td>
<td>Telephone: 619-338-2371</td>
</tr>
<tr>
<td>Date Made Active in Reports: 07/09/2010</td>
<td>Last EDR Contact: 03/09/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 24</td>
<td>Next Scheduled EDR Contact: 06/22/2015</td>
</tr>
<tr>
<td>Data Release Frequency: No Update Planned</td>
<td></td>
</tr>
</tbody>
</table>

**SAN FRANCISCO COUNTY:**

**Local Oversite Facilities**

A listing of leaking underground storage tank sites located in San Francisco county.

<table>
<thead>
<tr>
<th>Date of Government Version: 09/19/2008</th>
<th>Source: Department Of Public Health San Francisco County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 09/19/2008</td>
<td>Telephone: 415-252-3920</td>
</tr>
<tr>
<td>Date Made Active in Reports: 09/29/2008</td>
<td>Last EDR Contact: 05/06/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 10</td>
<td>Next Scheduled EDR Contact: 08/24/2015</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
<td></td>
</tr>
</tbody>
</table>

**Underground Storage Tank Information**

Underground storage tank sites located in San Francisco county.

<table>
<thead>
<tr>
<th>Date of Government Version: 11/29/2010</th>
<th>Source: Department of Public Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 03/10/2011</td>
<td>Telephone: 415-252-3920</td>
</tr>
<tr>
<td>Date Made Active in Reports: 03/15/2011</td>
<td>Last EDR Contact: 05/06/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 5</td>
<td>Next Scheduled EDR Contact: 08/24/2015</td>
</tr>
<tr>
<td>Data Release Frequency: Quarterly</td>
<td></td>
</tr>
</tbody>
</table>

**SAN JOAQUIN COUNTY:**
San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Health Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: N/A</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/23/2015</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>Next Scheduled EDR Contact: 07/06/2015</td>
</tr>
</tbody>
</table>

San Luis Obispo County:

CUPA Facility List

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: San Luis Obispo County Public Health Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 805-781-5596</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 02/23/2015</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>Next Scheduled EDR Contact: 06/08/2015</td>
</tr>
</tbody>
</table>

San Mateo County:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: San Mateo County Environmental Health Services Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 650-363-1921</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/16/2015</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>Next Scheduled EDR Contact: 06/29/2015</td>
</tr>
</tbody>
</table>

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: San Mateo County Environmental Health Services Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 650-363-1921</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/13/2015</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>Next Scheduled EDR Contact: 06/29/2015</td>
</tr>
</tbody>
</table>

Santa Barbara County:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Santa Barbara County Public Health Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 805-686-8167</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 02/23/2015</td>
</tr>
<tr>
<td>Number of Days to Update:</td>
<td>Next Scheduled EDR Contact: 06/08/2015</td>
</tr>
</tbody>
</table>

Santa Clara County:

Cupa Facility List
Cupa facility list
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 8
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 03/13/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 5

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
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: 04/01/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/03/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 24

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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:** 01/27/2015
- **Source:** Ventura County Environmental Health Division
- **Telephone:** 805-654-2813
- **Last EDR Contact:** 02/16/2015
- **Next Scheduled EDR Contact:** 06/01/2015
- **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
- **Source:** Environmental Health Division
- **Telephone:** 805-654-2813
- **Last EDR Contact:** 04/02/2015
- **Next Scheduled EDR Contact:** 07/20/2015
- **Data Release Frequency:** Annually

### 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
- **Telephone:** 805-654-2813
- **Last EDR Contact:** 02/16/2015
- **Next Scheduled EDR Contact:** 06/01/2015
- **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:** 12/29/2014
- **Source:** Ventura County Resource Management Agency
- **Telephone:** 805-654-2813
- **Last EDR Contact:** 04/27/2015
- **Next Scheduled EDR Contact:** 08/10/2015
- **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:** 02/27/2015
- **Source:** Environmental Health Division
- **Telephone:** 805-654-2813
- **Last EDR Contact:** 03/18/2015
- **Next Scheduled EDR Contact:** 06/29/2015
- **Data Release Frequency:** Quarterly

### YOLO COUNTY:

#### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

- **Date of Government Version:** 03/26/2015
- **Source:** Yolo County Department of Health
- **Telephone:** 530-666-8646
- **Last EDR Contact:** 03/23/2015
- **Next Scheduled EDR Contact:** 07/06/2015
- **Data Release Frequency:** Annually

### YUBA COUNTY:
CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
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.

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: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
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: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35
Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually
Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.
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.
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.
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
Target Property County: HUMBOLDT, CA
FEMA Flood Electronic Data: YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property: 0600000350B - FEMA Q3 Flood data
Additional Panels in search area: 0600600350B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY
NWI Quad at Target Property: COYOTE PEAK
NWI Electronic Data Coverage: 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.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td>FROM TP</td>
<td>GROUNDWATER FLOW</td>
</tr>
</tbody>
</table>

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
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 GEOLOGIC AGE IDENTIFICATION

<table>
<thead>
<tr>
<th>Era</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesozoic</td>
<td>Eugeosynclinal Deposits</td>
</tr>
<tr>
<td>Cretaceous</td>
<td></td>
</tr>
<tr>
<td>Upper Mesozoic</td>
<td></td>
</tr>
</tbody>
</table>


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 STATS GO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATS GO data.

Soil Component Name: MADONNA
Soil Surface Texture: 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. Soils have intermediate 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: MODERATE
Depth to Bedrock Min: > 20 inches
Depth to Bedrock Max: > 40 inches
## Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Permeability Rate (in/hr)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>7 inches</td>
<td>loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.</td>
<td>Max: 2.00 Min: 0.60</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>25 inches</td>
<td>loam</td>
<td>Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.</td>
<td>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.</td>
<td>Max: 2.00 Min: 0.60</td>
</tr>
<tr>
<td>3</td>
<td>25 inches</td>
<td>29 inches</td>
<td>unweathered bedrock</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 0.00 Min: 0.00</td>
</tr>
</tbody>
</table>

**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 - loam, gravelly - loam
- **Surficial Soil Types:** very gravelly - loam, gravelly - loam
- **Shallow Soil Types:** gravelly - loam, very gravelly - loam, gravelly - sandy clay loam
- **Deeper Soil Types:** weathered bedrock, very gravelly - sandy clay loam, extremely gravelly - silty clay, cobbly - clay

**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

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>

### FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Wells Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No PWS System Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Wells Found</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### AREA RADON INFORMATION

Federal EPA Radon Zone for HUMBOLDT County: 3

- **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 HUMBOLDT COUNTY, CA

Number of sites tested: 32

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>0.375 pCi/L</td>
<td>97%</td>
<td>3%</td>
<td>0%</td>
</tr>
<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Basement</td>
<td>-0.900 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>
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.

Scanned Digital USGS 7.5° Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

HYDROGEOLOGIC INFORMATION

AQUIFLOW 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

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.
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

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.

OTHER STATE DATABASE INFORMATION

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.

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.
APPENDIX  C EDR AND OTHER HISTORICAL AERIAL PHOTOGRAPHS
EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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**Date EDR Searched Historical Sources:**
Aerial Photography May 14, 2015

**Target Property:**
1205 Tully Creek Rd
Hoopa, CA 95546

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Details</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>1954</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1954</td>
<td>Clyde Sunderland</td>
</tr>
<tr>
<td>1974</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1974 Best Copy Available from original source</td>
<td>USGS</td>
</tr>
<tr>
<td>1983</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1983 Best Copy Available from original source</td>
<td>USGS</td>
</tr>
<tr>
<td>1993</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>/DOQQ - acquisition dates: 1993</td>
<td>USGS/DOQQ</td>
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<tr>
<td>1998</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1998 Best Copy Available from original source</td>
<td>USGS</td>
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<td>2005</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 2005</td>
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INQUIRY #: 4291429.13
YEAR: 2005

= 500'
INQUIRY #: 4291429.13
YEAR: 2012

= 500'
APPENDIX D HISTORIC TOPOGRAPHIC MAPS
Owl Creek Development
1205 Tully Creek Rd
Hoopa, CA 95546

Inquiry Number: 4291429.12
May 11, 2015

EDR Historical Topographic Map Report
EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business. Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET QUAD NAME: FRENCH CAMP RIDGE
MAP YEAR: 1983
SERIES: 7.5
SCALE: 1:24000

SITE NAME: Owl Creek Development
ADDRESS: 1205 Tully Creek Rd
Hoopa, CA 95546
LAT/LONG: 41.2177 / -123.7717

CLIENT: Yurok Tribe
CONTACT: Suzanne Fluharty
INQUIRY#: 4291429.12
RESEARCH DATE: 05/11/2015
Thank you for your business.  
Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

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## TARGET PROPERTY STREET

1205 Tully Creek Rd  
Hoopa, CA   95546

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<td>SUEICHE COLEGROVE</td>
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| 2080 | LISA MCCONNELL |
| 2140 | MARIA ROBBINS  |
| 2200 | TYSON HODGE    |
| 2260 | TOBY VANLANDINGHAM |
| 3020 | F MYERS        |
| 3040 | GILBERT MYERS  |
| 3555 | TYSON HODGE    |
| 3660 | DAMIEN FRENCH  |
Owl Creek Development
1205 Tully Creek Rd
Hoopa, CA 95546

Inquiry Number: 4291429.11
May 11, 2015
**Certified Sanborn® Map Report**

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<td>Contact: Suzanne Fluharty</td>
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The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Yurok Tribe 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:**

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**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.

**Limited Permission To Make Copies**

Yurok Tribe (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX H EDR ENVIRONMENTAL LIEN SEARCH REPORT
The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders’ offices, registries of deeds, county clerks’ offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET PROPERTY INFORMATION

ADDRESS

OWL CREEK DEVELOPMENT
1205 TULLY CREEK RD
HOOPA, CA 95546

RESEARCH SOURCE

Source 1: Humboldt Assessor
Humboldt County, California

Source 2: Humboldt Recorder
Humboldt County, California

PROPERTY INFORMATION

Deed 1:

Type of Deed: Grant Deed
Title is vested in: Yurok Tribe, a federally recognized Indian Tribe
Title received from: Gregory J. Koppala, an unmarried man
Deed Dated: 06/06/1996
Deed Recorded: 09/13/1996
Instrument: 1996-21183-8

Legal Description: All that certain piece or parcel of land being Lot 1 (which is the Northwest Quarter of the Northwest Quarter of Section 31, Township 10 North, Range 4 East, Humboldt Meridian, situate and lying in the County of Humboldt, State of California.

Legal Current Owner: Yurok Tribe, a federally recognized Indian Tribe

Property Identifiers: 531-082-001

ENVIRONMENTAL LIEN

Environmental Lien: Found [ ] Not Found [x]

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:
EDR Environmental LienSearch™ Report

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's:  Found  Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:
RECORDING REQUESTED BY:

Fidelity National Title Company

When Recorded Mail Document
and Tax Statement To:

Yurok Tribe
1034 Sixth Street
Eureka, CA 95501

Escrow No. 203708-JS
Title Order No. 203708-JS

APN: JW

GRANT DEED

The undersigned grantor(s) declare(s)
Documentary transfer tax is $ 3787.30 City tax $
[xx] computed on full value of property conveyed, or
[ ] computed on full value less value of liens or encumbrances remaining at time of sale,
[xx] Unincorporated Area City of

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, GREGORY J. KOPPALA, an unmarried man, as to Parcel One of Unit I; GREGORY J. KOPPALA, an unmarried man, as to an undivided 1/2 interest and R. COOK ENTERPRISES, INC., a California corporation, as to an undivided 1/2 interest, as to Parcel Two of Unit I, Unit II, Unit III, Unit IV, Unit VI, Unit VII and Unit VIII

hereby GRANT(S) to YUROK TRIBE, a federally recognized Indian Tribe

the following described real property in the City of Eureka, the unincorporated area of County of Humboldt, State of California:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

DATED: June 06, 1996

STATE OF CALIFORNIA
COUNTY OF HUMBOLDT

before me, personally appeared

GREGORY J. KOPPALA

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

MAIL TAX STATEMENTS AS DIRECTED ABOVE

PD-213 (Rev 3/94) GRANT DEED
State of California
County of Los Angeles

On 4/12/11 before me, Juanita M. Simpson

personally appeared Randall M. Cook

Personally known to me - OR - ☐ provided to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are

subscribed to the within instrument and ac-

knowledged to me that he/she/they executed

the same in his/her/their authorized capacity(ies), and that by his/her/their

signature(s) on the instrument the person(s),
or the entity upon behalf of which the

person(s) acted, executed the instrument.

WITNESS my hand and official seal.

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

☐ INDIVIDUAL

☐ CORPORATE OFFICER

President

☐ PARTNER(S)

☐ LIMITED

☐ GENERAL

☐ ATTORNEY-IN-FACT

☐ TRUSTEE(S)

☐ GUARDIAN/CONS.v 0

☐ OTHER

SIGNER IS REPRESENTING:

NAME OF PERSON/ENTITY ON BEHALF OF WHICH SIGNER IS REPRESENTING:

DESCRIPTION OF ATTACHED DOCUMENT

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

(993 NATIONAL NOTARY ASSOCIATION • 4231 Pacific Ave. • P.O. Box 7184 • Canoga Park, CA 91318-7184)
FILE NO.: 203708

EXHIBIT "X"

THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE COUNTY OF HUMBOLDT, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

UNIT I

PARCEL ONE

IN: Township 9 North, Range 3 East, Humboldt Meridian

Section 1: Lot 2 (Northwest Quarter of Northeast Quarter); and the Southeast Quarter of the Northeast Quarter;

IN: Township 9 North, Range 4 East, Humboldt Meridian

Section 5: South Half of Southwest Quarter;

Section 6: North Half of Northwest Quarter; Southwest Quarter of Northwest Quarter; East Half of Southwest Quarter; and West Half of Southeast Quarter;

Section 7: Northeast Quarter;

Section 8: North Half of Northeast Quarter; North Half of Northeast Quarter; Southwest Quarter of Northeast Quarter; Northwest Quarter of Southwest Quarter; and an undivided one-half interest in the Northeast Quarter of the Southeast Quarter;

EXCEPTING from said Southwest Quarter of Northeast Quarter an undivided 447/486 interest in and to all oil, gas and other minerals, as reserved in the patent issued by the United States of America to R.H. Emmerson & Sons, dated February 28, 1962 and recorded March 26, 1962 in Book 679 of Official Records, page 543, as Recorder's File No. 5365, Humboldt County Records.

Section 9: Lot 3 (Northeast Quarter of Southwest Quarter and portion of Southeast Quarter of Southwest Quarter) according to the official plat of said land approved by the Surveyor General on December 30, 1882;

IN: Township 10 North, Range 3 East, Humboldt Meridian

Section 13: Northeast Quarter of Northwest Quarter; Southwest Quarter of Northwest Quarter; Southwest Quarter of Southwest Quarter; South Half of Southwest Quarter; and Southwest Quarter of Southeast Quarter;

Section 24: Northwest Quarter of Northwest Quarter; Southeast Quarter of Northwest Quarter, and Southwest Quarter;

Section 36: Southwest Quarter of Northeast Quarter; East Half of Northwest Quarter; Northeast Quarter of Southwest Quarter; and Southwest Quarter of Southeast Quarter;

PAGE 2
UNIT I (continued)

IN: Township 10 North, Range 4 East, Humboldt Meridian

Section 31: Lot 1 (Northwest Quarter of Northwest Quarter); and
Southeast Quarter of Southwest Quarter;

EXCEPTING THEREFROM, all oil, gas and other minerals
to the United States in trust for the beneficial
owners thereof their heirs and assigns as reserved in
the Patent dated February 29, 1960, and recorded March
15, 1960 in Book 578 of Official Records, page 397,
Humboldt County Records.

West Half of Southeast Quarter, EXCEPTING THEREFROM,
that portion thereof conveyed to the State of
California by deed dated October 25, 1989, and
recorded February 26, 1990, as Recorder's File No.
1990-4305-4.

PARCEL TWO

IN: Township 9 North, Range 4 East, Humboldt Meridian

Section 8: Northwest Quarter of the Southeast Quarter;

EXCEPTING THEREFROM, an undivided 447/486 interest in
and to all oil, gas and other minerals, as reserved in
the patent issued by the United States of America to
R.H. Emmerson & Son, dated February 28, 1962 and
recorded March 26, 1962 in Book 679 of Official
Records, page 543, as Recorder's File No. 5365,
Humboldt County Records.

UNIT II

PARCEL ONE

IN: Township 9 North, Range 4 East, Humboldt Meridian

Section 6: Southeast Quarter of Southeast Quarter.

PARCEL TWO

Section 8: South Half of Northwest Quarter.

PARCEL THREE

Section 9: West Half of Northwest Quarter; Tract 42 (Portion of
West Half of Southwest Quarter).
FILE NO. 203708

EXHIBIT "X" (continued)

UNIT II: (continued)

PARCEL FOUR

IN: Township 10 North, Range 3 East, Humboldt Meridian

Section 24: Southwest Quarter of Northwest Quarter; Northeast Quarter of Northwest Quarter; and West Half of Northwest Quarter of Northeast Quarter.

PARCEL FIVE

IN: Township 10 North, Range 4 East, Humboldt Meridian

Section 31: Lots 2 and 3; Southeast Quarter of Northwest Quarter; and Northeast Quarter of Southwest Quarter.

PARCEL SIX


PARCEL SEVEN

Non-exclusive easements for ingress, egress, public utility purposes, and the removal and transportation of forest products in and over those certain roads depicted on that certain THP#1-89-357 HUM, approved June 29, 1989, over and across the Southwest Quarter of Northwest Quarter of Section 5 and the Southwest Quarter of Northeast Quarter, Southeast Quarter of Northeast Quarter and Northeast Quarter of Southeast Quarter of Section 6, Township 9 North, Range 4 East, Humboldt Meridian. Being the same reserved in deed recorded November 16, 1994 as Instrument No. 1994-31479-2, Humboldt County Official Records.

UNIT III

IN: Township 10 North, Range 3 East, Humboldt Meridian

Section 36: Northwest Quarter of Southeast Quarter; and East Half of East Half.

UNIT IV

IN: Township 10 North, Range 3 East, Humboldt Meridian

Section 13: Northwest Quarter of Northwest Quarter.
UNIT V
In Township 10 North, Range 3 East, Humboldt Meridian

Section 13: Southeast Quarter of Northwest Quarter.

UNIT VI:
In Township 10 North, Range 4 East, Humboldt Meridian:

Section 5: The South Half

Section 6: Lots 1, 2, 3, 4 and 5, The Southeast Quarter of the Northwest Quarter, The South Half of the Northeast Quarter and The Northeast Quarter of the Southeast Quarter.

Section 7: An undivided 6440/6480 interest in and to The Southeast Quarter of the Southwest Quarter.

EXCEPTING THEREFROM, however, an undivided 6245/6480th interest in all oil, gas and other minerals to the United States in trust for the beneficial owners thereof, their heirs and assigns, as reserved and contained in the Patent from the United States of America to Northern California Plywood, Inc., dated September 30, 1960, and recorded October 24, 1960 in Book 608 of Official Records, page 138, Humboldt County Records.

The Southeast Quarter of Northwest Quarter, Northeast Quarter of Southwest Quarter, and Northwest Quarter of Southeast Quarter.

Section 8: North Half of Northeast Quarter, Southwest Quarter of Southeast Quarter and the West Half.

In Township 11 North, Range 3 East, Humboldt Meridian:

Section 23: The South Half of the Southeast Quarter.

Section 24: The South Half of the Southwest Quarter, The South Half of the Southeast Quarter and the Northeast Quarter of the Southeast Quarter.

Section 25: Northeast Quarter of Northeast Quarter, Northwest Quarter of Northeast Quarter and Northwest Quarter.

Section 26: North Half of Northeast Quarter and Southeast Quarter of Northeast Quarter.

Section 29: South Half of Southeast Quarter, and the Northeast Quarter of the Southeast Quarter and the Southeast Quarter of the Northeast Quarter.
UNIT VI: (continued)

Section 33: Southeast Quarter of Northwest Quarter, Northeast Quarter of Southeast Quarter and Northeast Quarter.

Section 34: Northeast Quarter.

In Township 11 North, Range 4 East, Humboldt Meridian:

Section 31: Lots 3 and 4 and East Half of Southwest Quarter.

UNIT VII:

PARCEL ONE

In Township 11 North, Range 3 East, Humboldt Meridian:

Section 25: South Half of Northeast Quarter and North Half of Southeast Quarter.

PARCEL TWO

In Township 10 North, Range 4 East, Humboldt Meridian:

Section 7: Southeast Quarter of Southeast Quarter and Southwest Quarter of Southeast Quarter.

PARCEL THREE

In Township 10 North, Range 4 East, Humboldt Meridian:

Section 7: Lot 4, according to the official plat of the Survey of said land on file in the Bureau of Land Management.

PARCEL FOUR

Also the right to use any existing road or roads now situated upon the South Half of the Northeast Quarter, and the North Half of the Southeast Quarter of Section 25, Township 11 North, Range 3 East, Humboldt Meridian, or to construct any necessary road on said land that may be required by U.S. Plywood Corporation to remove forest products from Plywoods' land under the terms and conditions set forth in that Mutual Right of Way Agreement executed by and between Humboldt Fir Inc., a corporation, and United States Plywood Corporation, a corporation, recorded April 17, 1959 in Book 531 of Official Records, page 126, Humboldt County Records.
EXHIBIT "X" (continued)

UNIT VII: (continued)

PARCEL FOUR (continued)

ALSO a perpetual, non-exclusive and indivisible easement for a private right of way for ingress and egress over the Roddick Road, together with the right to repair and maintain said road. Said road shall be on the existing road that passes through Simpson real property described as the North Half of Northwest Quarter of Southeast Quarter of Section 33, the Southwest Quarter of Northwest Quarter of Section 34, and the Southwest Quarter of Northwest Quarter of Section 35, Township 11 North, Range 3 East, Humboldt Meridian.

The perpetual easement above is conveyed by and subject to the terms, provisions and conditions contained in that Agreement executed by and between Simpson Redwood Company, a Washington corporation DBA Simpson Timber Company and Champion International Corporation, a New York corporation dated April 1, 1985 and recorded May 1, 1985 in Book 1765 of Official Records, page 1359, Humboldt County Records.

UNIT VIII:

PARCEL ONE

The East Half of the Southwest Quarter and the West Half of the Southeast Quarter of Section 6, Township 10 North, Range 4 East, Humboldt Meridian.

PARCEL TWO

A non-exclusive easement for ingress and egress and commercial purposes, over an existing road lying within the Northeast Quarter of the Northwest Quarter and the Northwest Quarter of the Northeast Quarter of Section 7, Township 10 North, Range 4 East, Humboldt Meridian.

UNIT IX:

AN UNDIVIDED 1/2 INTEREST IN AND TO the Northeast Quarter of the Southeast Quarter of Section 8, Township 9 North, Range 4 East, Humboldt Meridian.

KP/ab
APPENDIX I QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS
SUZANNE M FLUHARTY  
2235 Jay Street fluhartysm@gmail.com  
Arcata, CA 95521 541.760.0480

EDUCATION  
• Doctorate of Philosophy in Environmental Sciences  
  Oregon State University, College of Science  
  Majors: Applied Anthropology; Botany and Plant Pathology  
  2008

• Masters of Arts in Interdisciplinary Studies  
  Oregon State University, Graduate College  
  Majors: Applied Anthropology; Botany and Plant Pathology; Speech Communication  
  2003

• Bachelors of Arts, cum laude in Liberal Studies  
  Oregon State University, Liberal Arts College  
  Minor in Speech Communication  
  2000

JOB RELATED TRAINING  
• USET Very Small Water Systems Course  
  United South and Eastern Tribes, INC.; 12.0 CH  
  2015

• Incident Command System 100, 200, 300, 400, 700, 800  
  Federal Emergency Management Institute  
  2014

• Natural Resource Damage Assessment  
  Northwest Environmental Training Center  
  2014

• Hazardous Waste Operations and Emergency Response Trained  
  Northern California Safety Consortium  

• Linking Nutrient Pollution & HABs: State of the Science & EPA Actions  
  U.S. EPA Watershed Academy  
  2013

• Phase I & Phase II Environmental Site Assessments  
  ASTM International Technical & Professional Training; 2.1 CEU  
  2013

• US EPA Tribal Pesticide Inspector Workshop  
  Inter Tribal Council of Arizona, Inc and USEPA Region Nine  
  2011, 2012

• ESRI ArcGIS Certified- 121 Training Hours  
  U.S. EPA Tribal Pesticide Inspector Workshop  
  2010 - 2011

• Wetland Permitting  
  Portland State University School of Extended Studies/ Continuing Ed.  
  March 2000

• Issues Framing and Moderator Training Workshops  
  Portland Community College and Oregon State University Extension Service  
  August 1999

ORGANIZATIONS & COMMITTEES  
• National Tribal Toxics Council- US EPA Region 9 Representative  
  Advances toxics management policies and programs, consistent with the needs, interests, and unique legal status of American Indian Tribes, Alaska Natives, and Native Hawaiians

• Regional Tribal Operations Committee Pesticide Workgroup- Member  
  Assists EPA in meeting trust responsibility, strengthening Tribal environmental and public health programs, and enhancing responsiveness by information exchange between Tribes and EPA

• Watershed Stewards Project (WSP)- Advisory Board Member  
  Works to conserve, restore, and enhance anadromous watersheds for future generations by linking education with high quality scientific practices; CA Conservation Corps & AmeriCorps

• Klamath Fish Health Assessment Team (KFHAT)- Fish Kill Response Team Member  
  Provides early warning and coordinated response to a non-hazardous materials fish kill event in the anadromous portion of the Klamath River basin.

• Yurok Land Management GIS Workgroup -2010 Participant Member  
  Facilitates GIS capabilities within the Yurok Tribe, use of the comprehensive Yurok GISdatabase, and knowledge of the new and ever advancing Geospatial Technologies.
PROFESSIONAL EXPERIENCE

• **Environmental Specialist Yurok Tribe** 2009 - current  
  *Co-Principal Investigator and Project Field manager of U.S. Environmental Protection Agency, National Center for Environmental Research Science to Achieve Results Grant # RD-83370801-0.  
  *Oversees all aspects of collection, processing, and analysis of field samples up to transport to the appropriate laboratory in order to meet grant objectives.  
  *Assists with the environmental monitoring and research for resource management, population dynamics, pesticides, toxicology, and risk assessment.  
  *Maintains and updates tribal GIS database on pesticide applications and monitoring within the Yurok Indian Reservation and preparing community notices.

• **Ethnobotanist Coquille Indian Tribe** 2002 - 2009  
  *Completed botanical surveys and environmental inventories with management recommendations for maintenance, re-introduction, and restoration of important traditional plant species and habitats.  
  *Mediated collaboration to achieve pragmatic goals incorporating both specific cultural and economic tribal need within Bureau of Land Management mandates.

• **Instructor**  
  **Linn-Benton Community College**  
  *Lecture and laboratory for General Biology 101; emphasis on development of scientific theories of evolution and classification of life on Earth; morphological adaptation of structures and functionality.

**Oregon State University**  
**Mark Hatfield Marine Science Center** Summer 2006  
*Co-taught seminar course in Native American Estuarine Resources  
*Consulted with Confederated Tribes of Siletz to develop course materials and appropriate interpretation of historic material culture.

**Anthropology Department /Extended Campus** 9/2005 - 6/2006  
*Designed and taught on-line course Natural Resources and Community Values; environmental communication and interactions between stakeholder/government agency management of public lands

**Biology Department (GTA)** 2004 - 2007

SELECT PAPERS/ PRESENTATIONS

• **Cumulative Assessments and Tribal Subsistence** 2010  

• **Practical Applications for Botanical Education in Native American Traditional Ecological Knowledge.** 2008  

• **One Tribe and Its Environment: What can an investigation of culture add to resource planning?** 2007  

• **Environmental History of Euphoria Ridge; A Case Study of Ethnobotany in Traditional Resource Management.** PhD Dissertation. Environmental Sciences Program. Oregon State University. Documents 3 different cultures’ traditional resource use across time at one site in Oregon’s Southern Coast.

• **Euphoria Ridge: camas and root digging, cultural plants, and historic landscape.** 2006  
  Presentation and workshop. Coquille Indian Tribe 10th Annual Cultural Preservation Conference: Cultural Preservation on the South Coast; Ten years in Review. Mill Casino, North Bend OR.
SUMMARY

Committed to and has vested interest in the protection and enhancement of the environment of the Yurok Indian Reservation.

Entire, 16 year, work career involved in natural resource protection in the Klamath-Trinity River basin.

Appropriate education and work experience combination for the Environmental Director position.

Experience in every aspect of tribal environmental program operations:

- Grant Writing, Administration, Reporting
- Environmental Assessment Writing
- Collecting & Interpreting Environmental Data
- Budget & Workplan Development
- Supervising Environmental Staff
- Environmental Public Outreach
- Interacting With Tribal, Federal & State Government Officials

COMPUTER SKILLS

Fifteen (+) years of experience working on computers including the utilization of the following programs/software:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Adobe Acrobat
- Adobe Photoshop
- Adobe Illustrator
- Adobe Dreamweaver

EXPERIENCE & WORK HISTORY

Summers Fisheries Technician, Yurok Tribe
1998-2001 Trapped and counted outmigrant salmonids at the rotary screw trap (when it was located in Weitchpec, CA), counted seals at the estuary in Klamath, CA.
Summers 2002-2003  
Fisheries Technician, *Hoopa Tribe*  
Trapped and counted outmigrant salmonids in fyke nets on Hoopa Reservation streams and tagged fish at the Lewiston Dam in Lewiston, CA.

Summers 2003-2005  
Environmental Intern, *Hoopa Tribe*  
Environmental field work, water quality data collection and download, illegal dump inventory, first grant successfully funded.

2006-2014  
Environmental Planner II, *Hoopa Tribe*  
Successfully submitted grant applications, developed workplans, budgets, administered and completed workplan tasks and submitted reports (quarterly and final) for the following projects/programs:

- Methyl-Mercury in Macro-invertebrates, Bureau of Reclamation, 2006
- Illegal Dump Cleanup, California Integrated Waste Management Board, 2006
- Tribal Response Program, USEPA, CERCLA §128(a) 2010-2014
- Nonpoint Source Pollution, USEPA, CWA §319, 2013
- Hoopa Environmental Compliance Program, Tribal Compact Funds, 2012-2014

Completed Environmental Assessments for several different projects through many different funding agencies including the following:

- Campbell Field Expansion Project, Phase I (6 Homes) & Phase II (10 Homes), HUD
- New Hoopa Housing Authority Office Building, NAHASDA
- Housing Improvement Project, Rehabilitations/New Acquisitions (17 Homes), HUD
- Disaster Relief Initiative, Special Projects Rehabilitation (3 Tribal Buildings), FEMA
- Section 184 Indian Home Loan Guarantee Program, Bank Environmental Review Requirement (7 Homes), USDA
- Campbell Creek Treatment Plant Upgrade, USDA
- Telescope Water Tank Replacement, USDA

Eight years of experience navigating tribal government for the completion of travel requests, purchase requests, invoice payment, program budget approval/development, grant submittals, contracts etc.

Eight years of experience working with, federal state and other regulatory agencies.

January 2015 - Present  
Environmental Director, *Yurok Tribe*

EDUCATION

1998  
High School Diploma, Hoopa Valley High School

2006  
Bachelor of Science, Environmental Science, First Nations Environmental Protection, Humboldt State University, Minors in Native American Studies & Art Studio

Applicable Coursework:

- Botany
- Microbiology
- Environmental Science & Engineering
- Calculus (for Biology, Science & Natural Resource Majors)
- Forest Ecology
- Soil Science
- Technology & the Environment
- Wildland Hydrology & Watershed Management
- Limnology
- Native American Perspectives in Natural Resources
- Organic Chemistry
- Environmental Justice
- Federal Indian Law
- Applied Geographic Information Systems (GIS)
APPENDIX J  2006 ENVIRONMENTAL RECORD REVIEW
FOR TULLY CREEK FIREHOUSE AND FITNESS CENTER
Environmental Review Record

Including Environmental Assessment
According to the
National Environmental Policy Act
for the
Tulley Creek Fire and Fitness Center

Prepared for:
Yurok Tribe Planning Department
190 Klamath Blvd.
Klamath, CA 95548

Prepared by
Megan Rocha, M.A.
Yurok Tribe Environmental Program
15900 Highway 101 N.
Klamath, CA 95548

July 2006
Table of Contents

HUD Required Environmental Assessment
Associated TABS
Associated Comments And Reply Pages
Environmental Professional Qualifications
Project Identification:
**Tulley Creek Fire and Fitness Center**
**Tulley Creek Road,**
Weitchpec, Humboldt County, CA
APN: 531-093-012, 531-082-001, and 531-081-001
Project: B-05-SR-064190
**Indian Community Development Block Grant**

Preparer:
Megan Rocha, M.A.
Coordinator, Yurok Tribe Environmental Program

Responsible Entity:
Yurok Tribe

Month/Year:
July 2006
Environmental Assessment

**Responsible Entity:**
Yurok Tribe

[24 CFR 58.2(a)(7)]

**Certifying Officer:**
Howard McConnell, Chairperson, Yurok Tribe

[24 CFR 58.2(a)(2)]

**Project Name:**
Tulley Creek Fire and Fitness Center

**Project Location:**
Includes sections of the following parcels, APN: 531-093-012, 531-082-001, and 531-081-001. Located 1.2 miles down Tulley Creek Road, adjacent west of the Road. Township 10N, Range 3E, Section 36 and Township 10N, Range 4E, Section 31.

**Estimated total project cost:**
Total: $736,857

**Grant Recipient:**
Yurok Tribe Planning Department

[24 CFR 58.2(a)(5)]

**Recipient Address:**
P.O. Box 1027 Klamath, CA 95548

**Project Representative:**
Peggy O’Neill, Director
Yurok Tribe Planning Department

**Telephone Number:**
(707) 482-1350
Conditions for Approval: (List all mitigation measures adopted by the responsible entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts and other relevant documents as requirements). [24 CFR 58.40(d), 40 CFR 1505.2(c)]

The driveway should be paved and lighted for safety. The roadways and paved areas around the facility should also be maintained for proper runoff. Additionally, a 100-foot buffer should be maintained, without the use of pesticides, around the facility to reduce fire material hazards.

Proposed development plans should take into account and avoid disturbances of existing cultural resources. The Yurok Tribe Cultural Resources Division retains the right to monitor the property when preliminary lot clearance and grading occurs for preparation or for future undertakings of the parcel by the Yurok Tribe. Cultural Resources Division Staff requests due notification of project initiation.
FINDING: [58.40(g)]

_X__Finding of No Significant Impact
(The project will not result in a significant impact on the quality of the human environment)

___Finding of Significant Impact
(The project may significantly affect the quality of the human environment)

Preparer Signature: ___________________________ Date: _________

Name/Title/Agency: 
Megan Rocha, M.A.
Coordinator, Yurok Tribe Environmental Program

RE Approving Official Signature: ___________________________ Date: _________

Name/Title/ Agency: 
Howard McConnell, Chairperson, Yurok Tribe
Statement of Purpose and Need for the Proposal: [40 CFR 1508.9(b)]
Approximately 1,000 Tribal members live within the exterior boundaries of the Yurok Reservation. There are currently no health/fitness facilities and only one complete firehouse facility located on the upper Reservation. This facility will allow for additional fire hazard protection to this very remote, fire hazard prone area. The Yurok Tribe has also recently established a Wildland Fire Crew and this facility may be used to store and maintain associated vehicles and equipment, as well as train crewmembers. In addition, the fitness center will provide a place for community members to meet, as well as enhance the overall health of the users. This will provide a place promoting a healthy lifestyle, which will increase awareness of health issues in a community plagued by high rates of health diseases, such as heart disease, diabetes, and hypertension. Lastly, the center will provide an additional meeting place for this underserved community.

Description of the Proposal: Include all contemplated actions that are either geographically or functionally a composite part of the project, regardless of the source of funding. [24 CFR 58.32, 40 CFR 1508.25]

The Tulley Creek Fire and Fitness Center will be located within the exterior boundaries of the Yurok Reservation. The project designated parcel (comprised of sections of APN: 531-093-012, 531-082-001, and 531-081-001), located in the Tulley Creek area, Humboldt County, California is owned in trust by the Yurok Tribe. The contemplated actions include all parcel improvements, including structure (see below), septic system, water system, and paved parking area. Grading and/or filling may have to be completed in order to establish a large enough area for the facility.

The facility will be an approximately 3,357 square foot, two-story building, which will include apparatus bays with front and rear access, a radio dispatchroom wired for telecommunications, meeting and training facilities, office space for staff crew, supply storage spaces, restrooms with showers, as well as a laundry, kitchen, and dining area. The outdoor area will include paved parking spaces with a driveway from Tulley Creek Road, an outdoor shower stall, a truck washing area, a fire hose cleaning and drying rack, and security.

Existing Conditions and Trends: Describe the existing conditions of the project area and its surroundings, and trends likely to continue in the absence of the project. [24 CFR 58.40(a)]

The description of existing conditions and trends is based on information gathered for the completion of this environmental assessment and observations made by the Preparer during the June 28 and July 5, 2006 site visits.

The site is a 10-acre irregular-shaped parcel located approximately 300 yards from the western bank of the Klamath River (T 10N, R 3E, S 36 and T 10N, R 4E,
S 31), 1.2 miles down Tulley Creek Road, 0.1 miles south of Owl Creek, and 0.7 miles south of Tulley Creek, in the Tulley Creek, Weitchpec area, Humboldt County, California. The project parcel (including sections of APN: 531-093-012, 531-082-001, and 531-081-001) is adjacent west of the Tulley Creek Road.

This 10-acre parcel is undeveloped and is situated in a previously logged area, with a remnant cleared opening, assumed to be used as a logging deck. There is one evident skid road heading in a northwesterly direction from the parcel. There is also evidence of fill material, with off sloping at the edges of the flat. Moreover, there are two large rock outcroppings west of the open flat. A small, unnamed stream is also present on the northern section of the parcel, running in a west to east direction. There is evidence of piping in this stream, as well as in Owl Creek and it is undetermined at this time, whether that piping is currently in use by nearby residences. There is a dirt driveway to the site that should be enhanced with pavement. There is also an overhead electrical transmission pole located on the western side of Tulley Creek Road that may be used for electricity to the facility.

The surrounding area of the parcel is sparsely populated. A residence is located directly east of the parcel across Tulley Creek Road, as well as a removable travel trailer home, located just north of the parcel. All other residences are located over 0.5 miles from the parcel. In addition, there is a 3 to 5-acre rock quarry located approximately 0.6 miles north of the site. This quarry was used for gravel extraction and construction of the Tulley Creek Road by Humboldt County.

All other discussion of existing trends and conditions in regards to environmental resources documented in the completion of this environmental assessment may be found on the attached Comment Page.
Statutory Checklist
[24CFR §58.5]

Record the determinations made regarding each listed statute, executive order or regulation. Provide appropriate source documentation. [Note reviews or consultations completed as well as any applicable permits or approvals obtained or required. Note dates of contact or page references.] Provide compliance or consistency documentation. Attach additional material as appropriate. Note conditions, attenuation or mitigation measures required.

<table>
<thead>
<tr>
<th>Factors</th>
<th>Determination and Compliance Documentation</th>
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<tbody>
<tr>
<td><strong>Historic Preservation</strong></td>
<td><strong>No Historic Properties Affected</strong></td>
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<tr>
<td>[36 CFR 800]</td>
<td>Yurok Tribal Heritage Preservation Officer</td>
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<td>Concurrence Letter</td>
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<td>National Park Service</td>
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<td>National Register of Historic Places Information System</td>
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<td>Humboldt County Search</td>
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<td>Accessed 6/14/2006</td>
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<td>Visual Analysis by Preparer</td>
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<td>June 28 and July 5, 2006</td>
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<td>See Comment and Tab 4</td>
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<tr>
<td><strong>Floodplain Management</strong></td>
<td><strong>No Impact Anticipated</strong></td>
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<tr>
<td>[24 CFR 55, Executive Order 11988]</td>
<td>Flood Insurance Rate Map</td>
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<td>Humboldt County, CA Index 060060 0001-1900</td>
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<td>Map 060060 0350B, February 8, 1999</td>
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<td>Consultation with the</td>
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<td>Yurok Tribe Environmental Program, Water Division</td>
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<td>Environmental Assessment for the McCoy Subdivision</td>
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<td>Prepared by Bessie Lee, May 2002</td>
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<td>On file with the Yurok Tribe</td>
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<td>Phone consultation with the Kevin Wright, Eureka Field Office, California Water Science Center, U.S. Geological Survey. November 14, 2006</td>
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<td>See Comment and Tab 3</td>
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<tr>
<td><strong>Wetlands Protection</strong></td>
<td><strong>No Impact Anticipated</strong></td>
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<tr>
<td>[Executive Order 11990]</td>
<td>National Park Service,</td>
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<td></td>
<td>National Wild and Scenic Rivers System</td>
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<td></td>
<td>U.S. Department of Interior,</td>
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<td>Fish and Wildlife Service,</td>
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<td>National Wetlands Inventory</td>
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<td>Coyote Peak, CA</td>
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<td>California Wetlands Information System, 2006</td>
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<td>Resource Type</td>
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<td>See Comment and Tab 6</td>
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<td>Coastal Zone Management Act [Sections 307(c), (d)]</td>
<td>No Impact Anticipated</td>
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<td>Coastal Zone Management Act</td>
<td>16 U.S.C. 33 Sec. 1451-1465</td>
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<td>Particularly, Sec. 1453(1)</td>
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<td>Coastal Barrier Resources</td>
<td>16 U.S.C. 55 Sec. 3501-3510.</td>
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<td>Particularly, Sec. 3501(a)(1)</td>
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<td>See Comments and Tabs 2 and 13</td>
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<td>Sole Source Aquifers [40 CFR 149]</td>
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| **Wild and Scenic Rivers Act**  
| [Sections 7 (b), (c)] | **No Impact Anticipated**  
National Park Service,  
National Wild and Scenic Rivers System.  
  
Kevin McKernan, Director  
Yurok Tribe Environmental Program.  
Letter Dated November 9, 2006.  
See Comment and Tab 6. |
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<th>Source</th>
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<td>Local Estimates of Indian Service Population and Labor Marker Information</td>
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### HUD Environmental Standards

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<td><strong>Noise Abatement and Control [24 CFR 51 B]</strong></td>
<td><em>No Impact Anticipated</em></td>
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<td>United State Geological Survey</td>
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<td>7.5 minute Topographic Quadrangles</td>
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<tr>
<td>French Camp Ridge and Weitchpec, CA</td>
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<td>ArcView Mapping Software</td>
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<td>Visual Analysis by Preparer</td>
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<td>June 28 and July 5, 2006</td>
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<td>See Comment and Tab 5.</td>
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<tr>
<td><strong>Toxic/Hazardous/ Radioactive Materials, Contamination, Chemicals or Gases [24 CFR 58.5(i)(2)]</strong></td>
<td><em>No Impact Anticipated</em></td>
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<td>U.S. Environmental Protection Agency</td>
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<td>National Priorities List Sites in California</td>
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<td>California Department of Toxic Substances Control</td>
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<td>EnviroStor Database, Search: Humboldt County</td>
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<td>California State Water Resources Control Board</td>
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<td>Geotracker Online Mapper</td>
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<td>June 28 and July 5, 2006</td>
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<td>Visual Analysis after clean up by Preparer, as well as by Laura Mayo, Assistant Director, Cross Media Division, Yurok Tribe Environmental Program, June 28.</td>
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<td><strong>Siting of HUD-Assisted Projects near Hazardous Operations [24 CFR 51 C]</strong></td>
<td><em>No Impact Anticipated</em></td>
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<td>Visual analysis confirmed that there are no above ground storage tanks with explosive or flammable materials within line of site of the proposed project site.</td>
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<td><strong>Airport Clear Zones and Accident Potential Zones [24 CFR 51 D]</strong></td>
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<td>June 28 and July 5, 2006</td>
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<td>See Comment and Tab 5.</td>
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</table>
Environmental Assessment Checklist

Evaluate the significance of the effects of the proposal on the character, features and resources of the project area. Enter relevant base data and verifiable source documentation to support the finding. Then enter the appropriate impact code from the following list to make a determination of impact. Impact Codes: (1) - No impact anticipated; (2) - Potentially beneficial; (3) - Potentially adverse; (4) - Requires mitigation; (5) - Requires project modification. Note names, dates of contact, telephone numbers and page references. Attach additional material as appropriate. Note conditions or mitigation measures required.

<table>
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<tr>
<th>Land Development</th>
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<tr>
<td>Conformance with Comprehensive Plans and Zoning</td>
<td>1</td>
<td>The Yurok Tribe does not have any established zoning laws or restrictions.</td>
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<td>Email documentation Dated June 15, 2006</td>
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<td>From Frankie Myers, Assistant/Capitol Projects</td>
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<td>Yurok Tribe Planning Department</td>
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<td>Compatibility and Urban Impact</td>
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<td>See Comment 14.</td>
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<td>See Comment 14.</td>
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<td>Erosion</td>
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<td>See Comment 15.</td>
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<td>Hazards and Nuisances including Site Safety</td>
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<td>See Comment 15 and 16.</td>
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<td>Energy Consumption</td>
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<td>Visual Analysis by Preparer, June 25 and July 7, 2006</td>
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<td>Consultation with Dustin Jolley, Yurok Tribal Engineer</td>
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<td>Letter Dated November 13, 2006</td>
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</table>
| **Noise** - Contribution to Community Noise Levels | 1 | United State Geological Survey  
7.5 minute Topographic Quadrangles  
French Camp Ridge and Weitchpec, CA  
ArcView Mapping Software.  

Visual Analysis by Preparer,  
June 25 and July 7, 2006  

See Comment and Tab 14. |
| **Air Quality**  
Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels | 1 | California Environmental Protection Agency  
Air Resources Board  
Air Basin and County Map Boundaries, 1996  
http://www.arb.ca.gov/desig.adm/basincnty/htm?PF=Y.  

Air Resources Board  
http://www.arb.ca.gov/desig/adm/Define.htm?PF=Y.  

Air Resources Board  
Area Designations Maps/State and National, 2006  
http://www.arb.ca.gov/desig.adm/adm.htm?PF=Y.  

California Environmental Protection Agency  
Emissions Inventory Branch  
Area Designations for State Ambient Air Quality Standards for Ozone, PM2.5, PM10, Carbon Monoxide, Nitrogen Dioxide, Sulfur Dioxide, Sulfates, Lead, Hydrogen Sulfide, and Visibility Reducing Particles, 2004  
Map Links from  
http://www.arb.ca.gov/desig.adm/adm.htm?PF=Y.  

North Coast Unified Air Quality Management District  
North Coast Air Quality Facts and  
Particulate Matter (PM10) Attainment Plan.  

Yurok Tribe Environmental Program  
Environmental Beta Attenuation Monitor Data,  
Weitchpec Weather Station  

See Comment and Tab 1. |
| **Environmental Design**  
Visual Quality - Coherence, Diversity, Compatible Use and Scale | 1 | Visual Analysis by Preparer,  
June 25 and July 7, 2006  
Picture of Yurok Tribal Office, Klamath, CA  

See Tab and Comment 14. |
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<th>Socioeconomic</th>
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<tr>
<td>Demographic Character Changes</td>
<td>1</td>
<td>Due to the nature of the project as the construction of a tribal community facility, there is no foreseeable change in the local demographics. Employees may travel from throughout the Reservation or surrounding communities to construct and work in the facility, however, no additional housing for such employees is associated with the project. Visual Analysis by Preparer, June 25 and July 7, 2006</td>
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<tr>
<td>Displacement</td>
<td>1</td>
<td>No housing or other structures will be removed for the construction of this project. There are currently no structures or individuals residing on the project area. Visual Analysis by Preparer, June 25 and July 7, 2006</td>
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<td>Community Facilities and Services</td>
<td>Code</td>
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<td>Commercial Facilities</td>
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<td>Social Services</td>
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<td>Storm Water</td>
<td>1</td>
<td>Preliminary Site Evaluation Performed by Trinity Valley Consulting Engineers May 17, 2005 Report on file with the Yurok Tribe Planning Department Visual Analysis by Preparer, June 25 and July 7, 2006 Email Documentation, June 15, 2006 Frankie Myers, Assistant/Capitol Projects Yurok Tribe Planning Department Consultation with Kevin McKernan, Director Yurok Tribe Environmental Program June 30, 2006</td>
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<td>Water Supply</td>
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<td>Preliminary Site Evaluation Performed by Trinity Valley Consulting Engineers May 17, 2005 Report on file with the Yurok Tribe Planning Department Determination Letter Included. Visual Analysis by Preparer,</td>
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<td>Category</td>
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<td>Unique Natural Features and Agricultural Lands</td>
<td>1</td>
<td>Visual Analysis by Preparer, June 25 and July 7, 2006 See Comment and Tab 10 and Comment 12.</td>
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<tr>
<td>Vegetation and Wildlife</td>
<td>1</td>
<td>There is much vegetation surrounding the project site that will need to be cleared and maintained to minimize fire hazards. In addition, there are no threatened or endangered species; however, due to the rural, undeveloped nature of the landscape, the area does have a lot of local wildlife. Evidence of bear activity was present at the site during site visits. Therefore, bear proof solid waste containers should be used to minimize attracting bears to the area. Nonetheless, the construction and use of this facility should have no negative impact on the local wildlife or adversely impact critical habitat. Visual Analysis by Preparer, June 25 and July 7, 2006 See Comment and Tab 8.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Other Factors</th>
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<tr>
<td>Flood Disaster Protection Act [Flood Insurance]</td>
<td>1</td>
<td>Flood Insurance Rate Map Humboldt County, CA Index 060060 0001-1900 Map 060060 0350B, February 8, 1999 See Comment and Tab 3.</td>
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<tr>
<td>Coastal Barrier Resources</td>
<td>1</td>
<td>Coastal Zone Management Act</td>
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</table>
| Act/Coastal Barrier Improvement Act [§58.6(c)] | 16 U.S.C. 33 Sec. 1451-1465 Particularly, Sec. 1453(1) 
Coastal Barrier Resources 16 U.S.C. 55 Sec. 3501-3510. Particularly, Sec. 3501(a)(1) 
See Comments and Tabs 2 and 13. |
|---|---|
| Airport Runway Clear Zone or Clear Zone Disclosure [§58.6(d)] | United State Geological Survey 7.5 minute Topographic Quadrangles French Camp Ridge and Weitchpec, CA ArcView Mapping Software. 
Visual Analysis by Preparer June 28 and July 5, 2006 
See Comment and Tab 5. |
| Other Factors | |
ALTERNATIVES TO THE PROPOSED ACTION

Alternatives and Project Modifications Considered [24 CFR 58.40(e), Ref. 40 CFR 1508.9]

(Identify other reasonable courses of action that were considered and not selected such as other sites, design modifications, or other uses of the subject site. Describe the benefits and adverse impacts to the human environment of each alternative and the reasons for rejecting it.)

Two alternate locations were contemplated by the Lead Agency as possible sites for locating the Tulley Creek Fire and Fitness Center. The first was a California Department of Transportation site located approximately 300 yards south of Martin’s Ferry Bridge on Bald Hills Road. This site was not selected, however, because the Yurok Tribe does not own the land and funds were not accessible to acquire the property. The second alternative was a flat below the Tulley Creek housing division (APN 531-076-003), approximately 0.5 miles north of the current proposed site location. Although this property is on lease to the Yurok Tribe Indian Housing Authority, there is an unrelated dispute currently with the adjacent property owners. Thus, the site was not an ideal location. Therefore, these sites were not chosen based on land ownership and development issues, as well as project funding resources.

No Action Alternative [24 CFR 58.40(e)]

(Discuss the benefits and adverse impacts to the human environment of not implementing the preferred alternative).

A possible benefit to the human environment of not implementing the preferred alternative would be that the land would remain undeveloped and rural. However, this could allow for future logging of the parcel, which could have a larger negative impact to the human environment than this facility. This could, however, also allow for future housing development of the parcel, which is highly needed in this area of the Reservation, but also comes with some environmental impact. Therefore, there are no foreseeable benefits in not implementing the preferred alternative if the discussed mitigation measures are complied. Adverse impacts of not constructing this facility include the continued deficiency in employment and income for individuals in this low-income community. In addition, not building this facility would allow for less fire protection and longer response time to combat fires for upriver Reservation residents. Moreover, there would be a lack of a fitness center that would provide a place for community interaction that promotes a healthy lifestyle, which is needed in a community with high rates of certain health illnesses associated with diet and exercise.

Mitigation Measures Recommended [24 CFR 58.40(d), 40 CFR 1508.20]

(Recommend feasible ways in which the proposal or its external factors should be modified in order to minimize adverse environmental impacts and restore or enhance environmental quality.)

The roadways to the new facility should be paved and maintained to ensure property runoff. Bear proof solid waste containers should be used at the facility to deter bears from the location. In addition, adequate street and facility lighting
should be installed to minimize hazards. Also, a 100-foot vegetation-free buffer should be maintained around the building, without the use of pesticides, to minimize fire hazards.

**Additional Studies Performed**
(Attach studies or summaries)
See Attached Tab Index and Comment Page.

**List of Sources, Agencies and Persons Consulted** [40 CFR 1508.9(b)]
See Attached Tab Index and Comment Page.
Environmental Assessment for
Tulley Creek Fire and Fitness Center:
TABs
Tab Index

Tab 0: Map Overview of Project Area and Pictures

Yurok Tribe Planning Department.
2006 “Yurok Indian Reservation.” Map Overview. 1 page.

2006 “Tulley Creek Fire and Fitness Center.” Map Overview. 2 pages.

Yurok Tribe Environmental Program.
2006 Pictures of Tulley Creek Fire and Fitness Center Location. 4 pages.

Tab 1: Air Quality

California Environmental Protection Agency.
1996 “Air Basin and County Map Boundaries.” Air Resources Board.

2003 “State Area Designations Definitions.” Air Resources Board.

2006 “Area Designations Maps/State and National.” Air Resources Board.

California Environmental Protection Agency, Emissions Inventory Branch.
2004 “Area Designations for State Ambient Air Quality Standards Ozone.” Link from

2004 “Area Designations for State Ambient Air Quality Standards PM2.5.” Link from

2004 “Area Designations for State Ambient Air Quality Standards PM10.” Link from

2004 “Area Designations for State Ambient Air Quality Standards Carbon Monoxide.”

2004 “Area Designations for State Ambient Air Quality Standards Nitrogen Dioxide.”

2004 “Area Designations for State Ambient Air Quality Standards Sulfur Dioxide.”


North Coast Unified Air Quality Management District.
Unkn “North Coast Air Quality Facts.” 12 pages.


Yurok Tribe Environmental Program.

**Tab 2: Coastal Barrier Resources**

Coastal Barrier Resources. 16 U.S.C. 55 Sec. 3501-3510. 14 pages.

**Tab 3: Flood Management**

Flood Insurance Rate Map.
1999 Humboldt County, CA Index. 060060 0001-1900. 060060 0350B. February 8. 2 pages.

McKernan, Kevin.

**Tab 4: Historic Preservation**

Yurok Tribal Heritage Preservation Officer.

National Park Service.
Tab 5: Noise Abatement and Airport Hazards

United State Geological Survey.
French Camp Ridge and Weitchpec, CA. 7.5 minute Topographic Quadrangles.
ArcView Mapping Software. 1 page.

Tab 6: Protection of Wetlands and Wild and Scenic Rivers

National Park Service, National Wild and Scenic Rivers System.

U.S. Department of Interior.

California Wetlands Information System.

McKernan, Kevin.
2006 “Wild and Scenic Rivers Act Effect Determination, Tulley Creek Fire and Fitness Center.” Yurok Tribe Environmental Program.

Tab 7: Toxic Chemicals and Radioactive Materials

U.S. Environmental Protection Agency.

California Department of Toxic Substances Control.

California State Water Resources Control Board.

Mayo, Laura.

Tab 8: Endangered Species

U.S. Fish and Wildlife Service.
2006 Environmental Conservation Online System, Critical Habitat Mapper.
California Department of Fish and Game.
2006 California Natural Diversity Database website at
http://www.dfg.ca.gov/whdab/html/cnddb.html and Search Table Results for

Designed for use with U.S.G.S. Topographic Quadrangle French Camp Ridge,
CA. 1 page.

2006 State and Federally Listed Endangered and Threatened Plants of California. May.

2006 State and Federally Listed Endangered and Threatened Animals of California.
pages.

Hiner, Monica.
2001 “Owl Creek Site Visit, 27 Nov. 01.” Memorandum. Yurok Tribal Fisheries
Program. November 28. 1 page.

Long, Michael.
2006 “Response to Request for Concurrence with Determination of Effects to Listed
Species Regarding the Proposed Construction of the Tully Creek Facility by the
November 16.

Tab 9: Sole Source Aquifers

U.S. Environmental Protection Agency.
2006 “Designated Sole Source Aquifers in EPA Region IX: Arizona, California,
Hawaii, Nevada, Guam, and American Samoa.” http://www.epa.gov/cgi-

Tab 10: Farmland Protection

U.S. Department of Agriculture.
2000 “Field Office Technical Guide.” Section II Natural Resources Information-

Division of Land Resource Protection.
Tulley Creek Fire and Fitness Center – Environmental Assessment Tab Index


Humboldt County Community Development Services.
2002  “Existing Agricultural Uses.” Humboldt County GIS. 1 page.

2001  “Agricultural Preserves in Humboldt County.” Humboldt County GIS. Inclusion of data from “Soils of Humboldt County, 1965.” 1 page.

2002  “Northern Humboldt Prime Agricultural Soils.” July. 1 page.

**Tab 11: Environmental Justice**

U.S. Census Bureau.

Bureau of Indian Affairs.

**Tab 12: Unique Natural Features and Areas**

*Intentionally Left Blank.*

**Tab 13: Coastal Zone**

Coastal Zone Management Act. 16 U.S.C. 33 Sec. 1451-1465. 34 pages.

**Tab 14: Site Suitability, Access, and Compatibility with Surrounding Development**

Yurok Tribal Engineer.

Yurok Tribal Office.
2006  Picture of Main Tribal Office. Klamath, CA.

**Tab 15: Soil Stability, Erosion, and Drainage**

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**Tab 16: Nuisances and Hazards**

California Division of Mines and Geology.

Humboldt County Community Development Services.
2002  “Humboldt County Geology: Bedrock and Faults.” October. 1 page.

California Geological Survey.

Tab 17: Water Supply, Sanitary Sewers, and Solid Waste Disposal

Lee, Bessie.
2001  “Bucket Test Results Unnamed Spring and Owl Creek McCoy Property, Tulley Creek Area.” Memorandum. September 7. 2 pages.

Trinity Valley Consulting Engineers.
2007  “Water Demand Verification, Tulley Creek Fire and Fitness Center, Weitchpec, CA.” January 10.

Tab 18: Schools, Parks, Recreation, and Social Services

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Tab 19: Emergency Health Care, Fire and Police Services

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Tab 20: Commercial/Retail and Transportation

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Unattached On File Sources Referred

Lee, Bessie.
2002  “Environmental Assessment for McCoy Property, Tulley Creek Area, Humboldt County, CA APN: 531-076-003.” Yurok Indian Housing Authority. May.

Sloan, Kathleen.
2006  “Archaeological Clearance Report for Tulley Creek Fire and Fitness Center, Yurok Indian Reservation, Humboldt County, California.” Prepared for Yurok Tribe Planning Department. July.

McKnight, Josh.
“Preliminary Site Evaluation Yurok Tribe Departmental Village Weitchpec, CA APN: 531-082-007.” Trinity Valley Consulting Engineers. Willow Creek, CA. May.
## Tab 0: Project Area Overview

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<td>Map (1)</td>
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<td>2.</td>
<td>Tulley Creek Fire and Fitness Center</td>
<td>Map (2)</td>
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<td>3.</td>
<td>Pictures of Tulley Creek Fire and Fitness Center Location</td>
<td>Pictures (3)</td>
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## TAB 1: Air Quality

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<td>2.</td>
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<td>3.</td>
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<td>7.</td>
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<td>Maps (12)</td>
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## TAB 13: Coastal Zone Management

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<td>Law (34)</td>
<td>16 U.S.C. 33 Sec. 1451-1465</td>
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<td>Flood Insurance Rate Map, Humboldt County, CA Index 060060 001-1900. Location in Panel 0350 B</td>
<td>Map (2)</td>
<td>Federal Emergency Management Agency, National Flood Insurance Program</td>
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<td>2.</td>
<td>Memorandum, Yurok Tribe Environmental Program</td>
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## TAB 4: Historic Preservation

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<td>List, Search Results (5)</td>
<td>National Park Service</td>
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# Tab 5: Noise Abatement and Airport Hazards

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### TAB 6: Protection of Wetlands and Wild and Scenic Rivers

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<td>Klamath River, CA Wild and Scenic River</td>
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<td>2.</td>
<td>National Wetlands Inventory, Coyote Peak, CA</td>
<td>Map and Key (4)</td>
<td>U.S. Department of the Interior, Fish and Wildlife Service</td>
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<td>3.</td>
<td>Current Management, California Water Plan Update, Figure 8-6</td>
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<td></td>
<td>Publicly Managed Fresh-Water Wetlands</td>
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<td>Defining Wetlands</td>
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<td>Wild and Scenic Rivers Act Effect Determination, Tulley Creek Fire and Fitness Center</td>
<td>Letter (2)</td>
<td>Director, Yurok Tribe Environmental Program</td>
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<td>Website List (1)</td>
<td>California Department of Toxic Substances Control</td>
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<td>California State Water Resources Control Board, Underground Storage Tank Programs</td>
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<td>Assistant Director, Yurok Tribe Environmental Program</td>
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<td>Map (1)</td>
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<td>T &amp; E Species Critical Habitat Online Mapper, Tulley Creek Firehouse and Fitness Center</td>
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<td>Species List (1)</td>
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<td>5.</td>
<td>California Natural Diversity Database Unprocessed CNDDB Data for French Camp Ridge</td>
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<td>California Department of Fish and Game</td>
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<td>California Natural Diversity Data Base. Map 41123B7</td>
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<td>State and Federally Listed Endangered and Threatened Plants of California, May 2006.</td>
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<td>8.</td>
<td>State and Federally Listed Endangered and Threatened Animals of California, July 2006.</td>
<td>Species List (12)</td>
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<td>9.</td>
<td>Owl Creek Site Visit, 27 Nov. 01.</td>
<td>Memorandum</td>
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<td>10.</td>
<td>Response to Request</td>
<td>Letter (1)</td>
<td>Arcata Field Office,</td>
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for Concurrence with Determination of Effects to Listed Species Regarding the Proposed Construction of the Tully Creek Facility by the Yurok Tribe.

| U.S. Fish and Wildlife Service |  |  |
### TAB 9: Sole Source Aquifers

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<td>Designated Sole Source Aquifers in EPA Region 9</td>
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<td>Agricultural Preserves in Humboldt County</td>
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<td>Northern Humboldt Prime Agricultural Soils.”</td>
<td>Map (1)</td>
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## TAB 11: Environmental Justice

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<td>Table (1)</td>
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**TAB 13: Coastal Zone Management**

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<td>Law (34)</td>
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# TAB 14: Site Suitability, Access, and Compatibility with Surrounding Development

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<td>1.</td>
<td>Supplemental Information for Environmental Documentation Regarding Tulley Creek Fire and Fitness Center</td>
<td>Letter and Resume (3)</td>
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<td>2.</td>
<td>Yurok Tribal Office, Klamath, CA</td>
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### Tab 15: Site Suitability, Erosion, and Drainage

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<td>Humboldt County Geology: Bedrock and Faults.</td>
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# Tab 17: Water, Supply, Sanitary Sewers, and Solid Waste Disposal

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<td>1.</td>
<td>Bucket Test Results Unnamed Spring and Owl Creek McCoy Property, Tulley Creek Area.</td>
<td>Memorandum (2)</td>
<td>Bessie Lee, Environmental Consultant</td>
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<td>2.</td>
<td>Water Demand Verification, Tulley Creek Fire and Fitness Center, Weitchpec, CA</td>
<td>Letter and Resume (3)</td>
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Environmental Assessment for
Tulley Creek Fire and Fitness Center:
Associated Comments

Tulley Creek Road,
Weitchpec, Humboldt County, CA
APN: 531-093-012, 531-082-001, and 531-081-001
Project: B-05-SR-064190
Indian Community Development Block Grant
Comment 1: Air Quality

The California Air Resources Board has found the State Ambient Air Quality Standards for the location of the project area to be in attainment for ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, sulfates, lead, and hydrogen sulfide. Particulate Matter (PM) 2.5 and visibility reducing particles have been unclassified; however, Particulate Matter (PM) 10 is in nonattainment. Subsequently, the North Coast Air Quality Management District has developed a plan to identify cost-effective control measures, which may be implemented to bring PM10 levels down in order to meet the criteria of the California Ambient Air Quality Standards for PM10. These measures are discussed in the North Coast Unified Air Quality Management District’s “Particular Matter (PM10) Attainment Plan,” Draft Report, May 1995.

In addition to the State monitoring of air quality, the Yurok Tribe Environmental Program has two air quality monitoring stations on the Reservation. One is located at the Elementary School in Weitchpec, which is approximately 4.5 miles up the Klamath River from the Tulley Creek project area. The second is located in Klamath Glen, which is approximately 32 miles down river from the project site. Data collected from the Environmental Beta Attenuation Monitor (EBAM) at the Weitchpec Weather Station over the last year (6-21-06 to 7-20/06) found that the 24-hour average for air quality in this area is far below the PM10 requirements. In fact, Micah Gibson, Coordinator for the Yurok Tribe Environmental Program and data collector and operator of the EBAMs stated that the air quality in Weitchpec has never exceeded the established attainment standards of 65 mg/m³. Evidence for this finding is attached, which includes four intermittent dates throughout the last year. Data for the entire year is on file with the Yurok Tribe Environmental Program.

In conclusion, the ambient air quality will not affect the development activities and construction of the Tulley Creek Fire and Fitness Center. Construction of this tribal community facility will not affect the attainment/nonattainment status of the area. The only possible concern will be the dust generated during the construction phase, which could affect the airborne particulate matter levels. However, an increase in dust levels will be short-termed and localized. Dust control measures could be implemented during the construction phase, if needed. These measures could include spraying the construction site regularly with water. In addition, the Yurok Tribe Environmental Program will be continually monitoring PM2.5 air quality levels and will notify the Yurok Tribe Planning Department if any excessive air quality levels are produced during the construction phase.

Comment 2: Coastal Barrier Resources

The project location is not on the coast, nor is it located in a State with coastal barrier resources issues. Therefore, the project area is exempt from any development restrictions under this environmental resources law as defined in 16 U.S.C. 55 Sec. 3501(a)(1).
Comment 3: Flood Management

Although the Flood Emergency Management Agency did not print a Flood Insurance Rate Map for the project area, the panel containing the project site is included in the Humboldt County, CA Index Map as 060060 0350B. On the Index, this particular panel has been designated as “Panel Not Printed-Area in Zone C.” Zone C classifies “Areas of Minimal Flooding.” The Hoopa Valley Indian Reservation, which includes the project area, however, is indicated as Zone D, an area not mapped. Thus, this map was inconclusive as to flood zone.

Consultation with the Yurok Tribe Environmental Program, Water Division and Kevin Wright of the Eureka Field Office, California Water Science Center, U.S. Geological Survey determined that the project area is not within the 100-year flood zone. These determinations are further supported by data collected by the U.S. Geological Survey and the Yurok Tribe Environmental Program regarding river flow in the highest recorded flood events of the Klamath River.

A previous environmental assessment performed by outside consultant Bessie Lee (2003), for the McCoy subdivision, located one half mile downriver of the proposed location also consulted that the location would not be significantly affected by a 100-year flood event. The proposed site location is located at a higher elevation and further from the river than the McCoy subdivision. This environmental assessment should be on file with the local HUD office, and is also on file with the Yurok Tribe.

Comment 4: Historic Preservation

The State Historic Preservation Officer (SHPO) was not contacted because the Yurok Tribe has a Tribal Historic Preservation Officer (THPO) who deals with all Historic Preservation compliance determinations within the Yurok Indian Reservation per 16 U.S.C. 470 Sec. 101(d)(2). Moreover, SHPO consultation was not requested on this project in accordance with 36 CFR Sec. 800.3(c)(1) or 800.3(f)(3). Therefore, the Yurok THPO has concurrence responsibilities on this project and has made a determination of “No Historic Properties Affected.” This determination is based on the findings of the “Archaeological Clearance Report for Tulley Creek Fire and Fitness Center, Yurok Indian Reservation, Humboldt County, California,” conducted and prepared for this project by qualified Yurok Tribe Cultural Resources Management Staff, Kathleen Sloan, as well as an Information Center search performed by the Northcoast Information Center.

Additionally, the Preparer consulted the National Register of Historic Places and found no designated historic properties within the project area. A field visit also determined no historic properties or objects, however, did locate some plant species of cultural importance, which may be considered Traditional Cultural Properties. These plants, however, are not unique to this location and have been noted by the Yurok Tribe Cultural Resources Division. Moreover, they are located on the periphery of the project site.
location. Therefore, the project is found to be exempt from further historic preservation compliance requirements.

Comment 5: Noise Abatement and Airport Hazards

The project area is within a very rural and undeveloped area of the Reservation (See Tab 0). Approximately speaking, the nearest civil airport is 72 miles away (McKinleyville, CA), the two closest military airports are 265 and 277 miles away (Beale AFB and Amdee Airfield), a minor highway (96) is 6 miles from the project, and a functioning railroad line is over 205 miles away (Klamath Falls, OR). Therefore, there are no existing or potential noise conditions resulting from civil or military airports, major roadways, or railroads that will require abatement or control. During construction, some noise will be generated as a result of the activities, however, this noise will be minimal, localized, and within a short time period. Thus, no further actions are required to deal with noise abatement.

Comment 6: Protection of Wetlands and Wild and Scenic Rivers

There is a perennial stream located approximately 200 yards north of the project site, which is Owl Creek. In addition, the Klamath River is about 300 yards east of the project area. The Klamath River is designated as a Wild and Scenic River from the mouth to 3,600 feet below Iron Gate Dam, thus including the section of the river adjacent to the project site. The project, however, will not have an adverse impact on this designation as determined through concurrence with Kevin McKernan, Director, Yurok Tribe Environmental Program. Furthermore, there are no designated wetlands on or near the project site as delineated by the U.S. Department of Interior, Fish and Wildlife Service, National Wetlands Inventory or the California Wetlands Information System.

Comment 7: Toxic Chemicals and Radioactive Materials

There is only one National Priorities List (NPL) Site in Humboldt County, the Celtor Chemical Works and that site is located just north of Hoopa, which is approximately 11 miles from the project area. In addition, this site was cleaned up and deleted from the NPL on September 30, 2003. In regards to State Listed sites, there are none recorded in the State’s EnviroStor Database for the project site or surrounding area. The site had previously been used to store solid waste for a brief time, but a complete cleanup of the site was completed in June. This cleanup was coordinated and overseen by Laura Mayo, Assistant Director, Yurok Tribe Environmental Program and qualified in hazardous and solid waste site inspection and cleanup. Lastly, there are no Underground Storage Tanks (UST) located on or adjacent to the project. Therefore, the project is clear of any toxic chemicals or radioactive materials.

Comment 8: Endangered Species

There are no threatened or endangered species within or adjacent to the project area. In addition, there is no designated critical habitat for such listed species, nor are there
species of special concern within or adjacent to the 10-acre project site. This was determined by consulting the U.S. Fish and Wildlife Service, Environmental Conservation Online System, Critical Habitat Mapper for French Camp Ridge. In addition, the California Department of Fish and Game, California Natural Diversity Database (CNDDB) website was consulted to determine possible threatened and endangered species for the French Camp Ridge Quadrangle, as well as the CNDDB Map 41123B7, prepared July 7, 2000 and designed for use with U.S.G.S. Topographic Quadrangle French Camp Ridge. The CNDDB website determined that within the French Camp Ridge Quadrangle the following eleven species of special concern have been documented; Del Norte salamander (*Plethodon elongates*), southern torrent salamander (*Rhyacotriton variegates*), foothill yellow-legged frog (*Rana boylii*), osprey (*Pandion haliaetus*), coast cutthroat trout (*Oncorhynchus clarkii clarkii*), Sonoma tree vole (*Arborimus pomo*), Pacific fisher (*Martes pennanti (pacific) DPS*), Bald Mountain milkvetch (*Astragalus umbraticus*), robust false lupine (*Thermopsis robusta*), California globe mallow (*Iliamna latibracteata*), and coast fawn lily (*Erythronium revolutum*). Nevertheless, none of these species are classified as threatened or endangered under either the State or Federal Endangered Species Acts as determined by the CNDDB, as well as the May 2006 State and Federal Plant List and the July 2006 State and Federal Animal List.

In November 2001, the Yurok Tribal Fisheries Program conducted bankside and electrofishing surveys in order to determine the fish species presence/distribution and whether Owl Creek is accessible to anadromous salmonids. During these surveys no fish were present and only one vertebrate species was observed, the Pacific Giant Salamander (*Dicamptodon ensatus*). Therefore, the surveys concluded that Owl Creek does not appear to currently support or offer potential habitat to any anadromous or resident fish species. Based on these findings, concurrence for a determination of no impact on listed species was sought and obtained from the Arcata Field Office of the U.S. Fish and Wildlife Service.

**Comment 9: Sole Source Aquifers**

The project area is not located within a sole source aquifer as designed by the U.S. Environmental Protection Agency. The nearest designated sole source aquifer is the Santa Margarita Aquifer, which is located over 200 miles south of the project location in Scott's Valley, CA.

**Comment 10: Farmlands Protection**

No soil survey has yet been conducted on the Yurok Reservation or most of Humboldt County by the Natural Resources Conservation Service. However, due to site conditions and research conducted, the project is exempt from the Farmlands Protection Act. This finding is based on the fact that the project is in a forested area, and the project site is in a flat, which was cleared, bulldozed, and used as a logging deck when the area was logged. Therefore, the area has never been used or suitable for use as farmland, per visual analysis by the Preparer. In addition, the area does not conform to the classifications of
prime or unique farmland or of State or local importance as defined by the U.S. Department of Agriculture, Natural Resource Conservation Service. Moreover, at the State Agency level, the Division of Land Resource Protection, Farmland Mapping and Monitoring Program have also not mapped the project area as being within “Important Farmlands in California.” Lastly, on a County Level, the Humboldt County Development Services Department and Geographic Information System Data indicates the project area is excluded from an “Existing Agricultural Use,” as an “Agricultural Preserve,” as well as a location of “Prime Agricultural Soils.”

Comment 11: Environmental Justice

The project area will not suffer from disproportionately adverse environmental effects on the minority and low-income population of the area. The project location is within the exterior boundary of the Yurok Reservation, an area that can be considered as predominately minority-populated (over 50% are American Indian) and low-income (74% estimated unemployed in 2001 and a $23,000 Median Family Income for the Reservation in 2000). The completion of the Tulley Creek Fire and Fitness Center will benefit the Yurok Tribal Members living on the Reservation as it will provide necessary fire prevention and assistance services to this remote location. In addition, it will provide a community place that will promote health, which will be beneficial to the community as well. Lastly, an estimated 10-25 people will be employed at the new facility, depending on the season. Minimal estimates are between 6-8 employees during the winter months. As a federally recognized Tribe with Indian Hiring Preference, Yurok Tribal Members will have the first opportunity at obtaining these newly created positions. Therefore, the project will not create disproportionately adverse environmental effects on the minority and low-income population of the area. Rather, this project will be beneficial to these individuals.

Comment 12: Unique Natural Features and Areas

The project site and surrounding area is undeveloped, forestland. There are a couple of traditional Yurok natural resources evident on the project parcel, such as beargrass and huckleberry. However, these resources are not unique to this location and, therefore, do not need to be preserved in opposition of project construction and completion, nor does any mitigation need to occur. The project is also located approximately 300 yards from the Klamath River, which is designated by the National Park Service as a Wild and Scenic River.

Comment 13: Coastal Zone Management

The project area is approximately 40 miles upriver from the coast and is, therefore, well outside the Coastal Zone as defined in 16 U.S.C. 33 Sec. 1453(1). Therefore, the project is found exempt of the Coastal Zone Management Act requirements.

Comment 14: Site Suitability, Access, and Compatibility with Surrounding Development
As previously noted, the project location is in an area that is very sparsely populated, rural, and relatively undeveloped. There will be no compatibility or urban impacts to developing the parcel, except that this will provide a community gathering area and fire hazard protection for the existing locale. In fact, this may potentially increase development of the surrounding area. In addition, there is evidence of pipelines in the unnamed stream, as well as Owl Creek and it will need to be determined the outlet of that piping. If the pipe is determined to be of no present use to surrounding homes, then it may be removed from the streambeds.

In regards to energy consumption there is a newly installed overhead electrical transmission pole located just west of Tulley Creek Road that can easily allow electricity to the facility. Power lines were recently installed along Tulley Creek Road and the upper section of the Reservation in 2005-2006. Each of the alternate locations would require pole and transmission line installation, which would be a large additional cost. Thus, there is an economic benefit to developing the proposed location in terms of energy supply.

The proposed location will also diminish the energy consumption of moving people to and from the site. Volunteer fire response teams will not have to travel as far to gather and prepare to combat fire suppression needs on the upper Reservation, as the Wautec Fire Station is at the northern-most end of the Reservation. The fitness center will also greatly diminish the energy expenditure of traveling over 67 miles away to the nearest such facility.

Additionally, energy efficiency will be incorporated into the design and implementation of the project where feasible, including, but not limited to double-pane windows and energy efficient appliances and lighting. The Tribal Engineer is highly experienced in the creation and implementation of renewable energy resources and is committed to incorporating such energy efficient technology in the final design.

The project design will not destroy or physically alter the natural man-made environment. The Yurok Tribe has designed and built several buildings, many of which are modeled after traditional Yurok houses. The Tribe takes every opportunity to retain and restore native plants and landscapes surrounding project areas, as well as design the project in a way that will enhance the surrounding environment, not degrade it, and this project will be no different.

**Comment 15: Soil Stability, Erosion, and Drainage**

There is no visible evidence of soil issues, such as erosion or unstable slope conditions. In addition, there is no visible evidence of soil problems in neighboring residences, such as foundations cracking or settling. There is also no indication of cross-lot runoff or drainage issues on the property. Therefore, there is no visible evidence of problems with the soil compatibility and suitability for the construction of the proposed facility.
Additionally, a preliminary survey was conducted by Trinity Valley Consulting Engineers in May 2005. This field investigation was performed on May 17th and consisted of site observations, percolation testing, and soil sampling. Soil sampling determined that the fill material is a sandy loam classified as zone 2 material and the native material is a sandy clay loam classified as zone 2 and 3 materials. Percolation tests show soil percolation rates to be between 60 min/in and 120 min/in. This preliminary site investigation determined that site grading will need to be accomplished prior to construction, but it was unknown whether additional fill material will need to be imported. Moreover, it was determined that drainage of surface waters should be easily accomplished given the gentle slope of the location. The survey also notes that at the time of the survey the water from a small creek upstream of the site was diverted to flow down the access road and that this would need to be remedied, however, this diversion is no longer present.

Comment 16: Nuisances and Hazards

No major nuisances or hazards have been identified on the project site or surrounding area. There are no visible or recorded faults, fractures, or crevices on the project site. There is evidence of immediate sloping surrounding the graded flat, due to grading and the addition of fill material. Additional grading and/or fill should be sufficient to resolve this. Biological hazards, such as animals (e.g. bears), plants (e.g. poison oak), and fire material hazards are evident on the project site and surrounding parcel. These hazards will remain throughout the construction phase, however, once construction is completed, these hazards may be sufficiently reduced with proper maintenance. This includes the purchase and proper use of bear-proof garbage containers and by maintaining a 100-foot vegetation-free buffer around the facility. This buffer should be maintained manually, without the use of any type of pesticides. In addition, street lighting will need to be installed in order to minimize hazards.

Comment 17: Water, Supply, Sanitary Sewers, and Solid Waste Disposal

The Preliminary Site Investigation conducted by Trinity Valley Consulting Engineers in May 2005 determined that the soils and topography of the site are acceptable for an onsite disposal system. The report notes that ideally a central disposal system will be utilized and that it would also ideally be controlled by gravity flow. Although not the sole option, the report states that gravity flow, however, will require less maintenance, as well as deter possible future issues when electricity tends to go down in the winter months.

The proposed design of the storm water drainage system is to divert storm water into the unnamed stream or Owl Creek. Considerations of both point and nonpoint source pollution are considered in this design and consultation with Kevin McKernan, Director, Yurok Tribe Environmental Program determined that storm water drainage would not be an adverse impact on the project area or adjacent lands, including the Klamath River.

Although the proposed project is for a fire and fitness center, the water supply need be sufficient only for the domestic needs of the facility. As such, filling stations for fire
trucks are available at nearby locations, so water demand for the filling of fire trucks is not necessary at this facility. The Preliminary Site Investigation found that usage data for an existing structure in the area that is of similarly use needs an average flow of nine gallons per minute during the summer months (May through September), when demand is highest.

Previous bucket testing of Owl Creek in September of 2001 found that this source was sufficient to supply at least 4 homes, depending on whether the creek is dammed. Use of Owl Creek would likely require over three hundred feet of transmission lines, some storage, and treatment prior to use. Another plausible source of water is groundwater. Analysis of a well installed at a nearby site in 2003 that supplies the McCoy subdivision determined that at the time of the report, the well has been used by seven residences for a period of nine months without any apparent problems. Therefore, based on the report discussing the findings of the site investigation performed by Trinity Valley Consulting Engineers and a letter drafted by their principal investigator, Owl Creek and/or the unnamed stream is an adequate water supply for the project.

Trash collection and solid waste disposal will be conducted by the owners of the facility (i.e. Yurok Tribe), as there is no curbside trash pickup service in the Tulley Creek area. Household trash is taken, by private vehicle, to the transfer station, approximately 2-3 miles from the project location. This transfer station has the capacity of handling the additional solid waste that will be produced by the public facility.

Comment 18: Schools, Parks, Recreation, and Social Services

Due to the fact that the proposed project is a fire and fitness center, there will be no foreseeable increase in the number of school age children in the area. Although there are no formal parks or designated play spaces in the undeveloped area, the fitness center will create a place for recreation. In regards to social services, the facility itself will provide a social service to the community as a meeting place, a firehouse, and a fitness center. All nearby community and tribal social services are located in Weitchpec (5 miles), Hoopa (12 miles), and Klamath (70 miles). Therefore, the will be no direct adverse impact on schools, parks, recreation, and social services as a result of project completion.

Comment 19: Emergency Health Care, Fire and Police Services

A health clinic is located in Weitchpec, which is 5 miles from the project area. This clinic is a satellite office for Indian Health Services (IHS), and serves tribal members and other tribal peoples. This is not, however, an emergency health care facility. Emergency health care providers are located in Hoopa, which is approximately 30 minutes away from the project area. This includes ambulatory services after hours, which transport emergency victims to Mad River Hospital, which is located in Arcata, approximately 67 miles away. There is also a Yurok Tribal Police Station located in Weitchpec. Additional police services, including Humboldt County Sheriff Officers are located in Orleans (18 miles) and Hoopa (12 miles). Fire protection in the area is the duty of volunteers, although the Yurok Tribe has recently established a Wildland Fire Crew. Volunteer crews come from
the surrounding area and a firehouse is presently located in Wautec (30 minutes). Obviously, after the Tulley Creek Fire and Fitness Center is completed, fire services will be located on the project site. Therefore, there will be no adverse impact on emergency health care facilities, fire stations, or police services.

**Comment 20: Commercial/Retail and Transportation**

Due to the rural surroundings, there are little commercial/retail options in the area and no public transportation. The closest commercial/retail is located in Weitchpec, which consists of a small community store. Hoopa is the closest town with more commercial/retail options, consisting of a grocery store, gas station, Post Office, and a few small retail shops. All transportation must be done by private vehicles, although there is public transportation from the coastal towns (i.e. Arcata, Eureka, and Crescent City) to Hoopa. In addition, Humboldt County is currently discussing development of public transportation to Weitchpec. Due to the nature of the project as a public facility, no additional impacts are foreseeable on commercial/retail stores or transportation.
Environmental Professional
Qualifications
MEMORANDUM

TO: Yurok Tribe file

FROM: Kevin McKernan

DATE: November 13, 2006

RE: Tulley Creek Fire and Fitness Center EA qualifications

Megan Rocha, Environmental Program Coordinator, works under the direct supervision of Kevin McKernan, Environmental Director, and Kate Sloan, Tribal Archaeologist, in the preparation of environmental assessments. Resumes, certifications and licenses for Mr. McKernan and Ms. Sloan are attached, demonstrating the qualifications necessary for making determinations in the areas of soils, toxics, wetlands, and other pertinent determinations. Ms. Rocha has prepared the EA for Tulley Creek site with direct input and supervision by those mentioned above.

Ms. Rocha, also consults with the Tribe’s Engineer, Dustin Jolley, in regards to building design, energy efficiency and overall site suitability.

In terms of floodplain determination, since there are no floodplain maps for the area in question, a determination was made by Mr. McKernan using multiple lines of evidence and familiarity with the Klamath River and flood history. Examples of this evidence include, but are not limited to the following examples:

1. The recent winter of 2005/2006 was considered a 25 to 50 yr. storm by the USGS and the Yurok Tribe. The height of the river during this event was still estimated to be 50 below the elevation of the proposed project. The estimated stage height of a 100 year may jeopardize some of the access roads to the site (as well as many of the other existing developments in the nearby area), but would not likely impact the proposed project at its current location.

2. The Yurok Indian Housing Authority recently developed a subdivision of homes, known as the McCoy subdivision, within one half mile of the proposed site. That EA (prepared by an outside consultant), also concluded that the location would not be significantly affected by a 100 yr. flood event (Lee, Bessie; 2003). At that time, HUD
did not have issue with that determination. The proposed property in question is located at a higher elevation and further from the river than the McCoy subdivision.

Kevin McKernan, Director Yurok Tribe Environmental Program  13-Nov-06  Date