PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

FOR: Lock Lot (AKA: Boat Yard)

LOCATED ON: 17620 Highway 101 North, Klamath, CA 95548

APN: 140-050-14

PREPARED FOR:

Yurok Tribe
190 Klamath Blvd
Klamath, CA 95548

FINAL

May 2013

Prepared by:

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Signatures of Environmental Professionals

The following Environmental Professionals performed this Phase I ESA in conformance with ASTM Standard Practice E 1527-05 and AAI Standards. 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.

Ray Martell
Assistant Environmental Director
Primary Author

__________________________
Kathleen Sloan, PhD
Environmental Director
Primary Reviewer
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1.0 INTRODUCTION

The Yurok Tribe Environmental Program has prepared this Phase I Environmental Site Assessment (Phase I ESA) on the Lock Lot property, located on 17620 US Highway 101 North, north of State Highway 169, near Klamath, California (hereafter referred to as the Subject Property). This Phase I ESA was prepared for the exclusive use of the Yurok Tribe located in Klamath, California and the United States Environmental Protection Agency (USEPA) Region 9 Brownfields Program.

This Phase I conforms to the principals of ASTM E 1527-05 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (ASTM, 2005).

This report is organized as recommended in ASTM E1527-05.

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 E1527-05.

1.3 Significant Assumptions

It is assumed that the groundwater flow direction on the vicinity of the Subject Property is toward the west towards the Klamath River, based on sloping topography on the vicinity of the Subject Property.

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, 2005). The information included in this report is based 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
   No special terms or conditions are related to this investigation.

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 as at the sole risk of said user.
2.0 SITE DESCRIPTION

2.1 Location and Legal Description
The Subject Property is located in unincorporated Del Norte County, north of Highway 169, in the vicinity of the town of Klamath, California. The parcel is located on the east side of US Highway 101. The western boundary of the subject properties is bordered by the eastern boundary of US Highway 101. The entrance to the property is located at latitude 41.459812, longitude -123.049252.

Deed 1: According to the Del Norte County Assessor, the current owner of the Subject Property is the State of California.

The legal descriptions of the properties are defined as: All that certain piece of parcel of land known as 17620 Highway 101, containing 0.289 acres, more or less, situate and lying in the County of Del Norte, State of California.

Property Identifiers: 140-050-14 Del Norte County, California.

2.2 Site and Vicinity General Characteristics
The site is accessible from US Highway 101, a major artery that traverses North and South through Del Norte County, through the state of California, north of the town of Klamath.

Currently the subject property consists of mostly undeveloped land. The Subject Property is relatively flat, though the topography in the area slopes slightly to the west, towards highway 101, towards the Klamath River. There is a large shed with large sliding doors that is primarily used as storage for the Yurok Tribe. There are various equipment, vehicles, and 40 by 10 foot Conex containers on the Subject Property.

2.3 Current Use of the Property
With permission from the State of California Department of Transportation, the Subject Property is currently being used as a storage yard for the Yurok Tribe. There are numerous vehicles, heavy equipment, roll off bins, Conex containers and an approximately 1,400 sq/ft shed that has sliding doors. There is a concrete pad that is the foundation of the storage shed. There is an associated asphalt pad that is adjacent to the shed. There is a cyclone fence with a locking swing gate that surrounds the perimeter of the Subject Property. The Conex containers are used as locking storage containers that contain various types of equipment, supplies and tools that are used by the Yurok Tribe.

At the time of this writing, there are seven trailers, six Conex containers, five boats, three vehicles and two pieces of heavy machinery stored on the Subject Property. There are several barrels containing used oil, and one 250 gallon oil recycling station. There are several dumpsters, bins, drums and various containers located on the property.
2.4 Description of Structures, Roads, Other Site Improvements

With permission from the State of California Department of Transportation, the Subject Property is currently being used as a storage yard for the Yurok Tribe. One permanent structure, six portable Conex containers and a cyclone fence are located on the Subject Property.

A shed, that is approximately 1,400 sq/ft in size, is located on the south east portion of the Subject Property. It is an unoccupied structure that is used as a vehicle/boat maintenance facility. It is built on a concrete pad that extends approximately five feet to the north (front) of the building. The building houses many tools, supplies, parts, solvents, paints, cement, petroleum products and fuels. The structure is constructed of wood and metal. The building is energized, and receives power from Pacific Power from overhead lines.

There is an odd shaped asphalt pad that is adjacent to the north side of the shed. The pad is approximately 100 feet in length, 60 feet wide at the western edge, and 25 feet wide at the eastern edge. There is a 10 foot wide by 12 foot long metal canopy attached on the south west portion of the pad.

At the time of this writing, five of the six Conex containers were inaccessible for inspection. The one Conex container that was available for inspection contained mechanical parts, boxes of supplies, tires, tools and cement. All the Conex containers are sitting directly on the ground with no foundations supporting them.

A metal cyclone fence surrounds the perimeter of the Subject Property. It is approximately 8 feet high with a gate on the North West portion of the Subject Property. The supporting posts appear to be cemented into the ground. The entrance gate is accessible from Highway 101 and allows access to the Subject Property.

2.5 Current Use of Adjoining Properties

There are four adjoining properties that border the subject property. The property to the north of the Subject Property is owned by Good Earth Lumber Co. It is currently vacant and undeveloped land. The property to the east is owned by Judy Morris and is currently undeveloped land. The property to the south of the Subject Property is owned by the United States Government, and is part of the Six Rivers National Forest. It is currently vacant and undeveloped land. The land to the west is owned by the State of California, Department of Transportation. The property is developed as an interstate highway, known as California State Highway 101. Properties beyond the contiguous boundaries are recreational, residential and trailer parks.
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
There are no Environmental Liens or Activity and Use Limitations on file for the Subject Properties.

3.3 Specialized Knowledge
There were two 1,000 gallon underground storage tanks installed on the Subject Property around 1955. One held regular gasoline and the other diesel. It was known that the fuel was dispensed for the use of the State of California for fueling vehicles that worked under the California Department of Transportation (CalTrans). The tanks were removed on September 29, 1992.

3.4 Public Outreach Meeting Results
An essential part of the Phase 1 ESAs is the collection of historical knowledge directly from Yurok Tribal Members about each of the Brownfields sites including this site. Maps and aerial photographs of the Brownfields Sites were provided prior to and during the meetings and the participants were encouraged to note information directly onto the maps and photographs, as well as completing the questionnaires to capture information from the community.

A Public Outreach Meeting was conducted on April 20th, 2013, during the Yurok Tribe’s quarterly North District Meeting. The meeting was hosted by Tribal Councilmember Jack Mattz. An attendee list is provided in appendix B. Aerial maps, site pictures, former deeds and parcel maps were made available for the public to view. There was institutional knowledge of the Subject Property that was shared by several of the meeting participations. Of concern of the property was that the western bay in the shed was dug out to serve as an oil change pit. It was also noted that this same pit was filled with cement to cap any potential oil spills that may had occurred.

A large sand pile that was on the property was used for the State of California Transportation road projects. This sand pile was no longer in existence after the 1964 Klamath River flood. An aerial photograph, taken in 1962, shows the sand pile in its former location. Photographs taken after 1964 do not show the existence of the sand pile.

3.5 Commonly Known or Reasonably Ascertainable Information
It is commonly known that in December 1964, a flood event occurred in the Klamath River basin. It is also commonly known that the flood event of December 1964 destroyed the entire town of Klamath, as well as adjacent communities. The Subject Property was inundated with flood waters from that event.

3.6 Valuation Reduction for Environmental issues
The intention of this document is to evaluate the potential impacts of REC’s on Tribal Lands within the Yurok Indian Reservation. Any reduction in value of the property is unknown and therefore not relevant to this report.

3.7 Owner, Property Manager and Occupant Information
The owner of the Subject Property is listed as the State of California. There is no Property Manager for the Subject Property. The Yurok Tribe Fisheries and Environmental Program currently occupy the Subject Property as a storage yard for equipment.

3.8 Reason for Performing Phase I ESA
The Yurok Tribe, user of this report, indicated that the reason for performing a Phase 1 ESA is to ensure that contamination does not threaten public health and the environment during and after redevelopment of the Site. The Yurok Tribe has selected this Site to be evaluated under the USEPA Section 128(a) Tribal Response Program.
4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources
Yurok Tribe Environmental Program 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 ASTM required records. EDR has provided a Radius Map Report, which is provided in Appendix C. EDR searched the Subject Property and surrounding area for standard environmental records as required by ASTM E1527-05. A complete listing of the databases searched and the radius searched are included in the EDR Radius map report.

- Yurok Indian Reservation does not have a listed address and are on the “Indian Reservation” database indicating the presence of Indian administrated lands that have an area greater than or equal to 640 acres.

4.2 Additional Environmental Record Sources
A State of California State Water Resources Control Board GeoTracker case summary (1TDN003) dated 8/24/1987 indicated that a gasoline spill occurred on the Subject Property. The GeoTracker report does not indicate the quantity of substance that was discharged, the sources of the discharge, or how the discharge was stopped. The discharge was stopped on the same day that it was reported to have occurred, and no remedial action was taken as a result of the discharge on that day.

A letter dated January 21, 1988, was addressed to Mr. Jeff Arnold, Environmental Health Department, Eureka, California. This letter was in reference to a “Leak Detection Plan For The Klamath Yard – Caltrans IT project Number 190292-02”. The leak detection plan was written in response to conform to the current California Underground Tank Regulations”, California Administration Code, Title 23, Subchapter 16.

A memo written to “File” from “Dale” on County of Del Norte letterhead stated that the two 1,000 gallon UST tanks were removed on September 29th, 1992. It was stated that there were no apparent leaks from the two tanks, and they showed only minor rusting. There was a leak of hydraulic fluid from the excavator, and all the visibly contaminated soil was removed.

A letter dated March 11, 1994, was addressed to Mr. Steve Warner, Chief Engineering Geology and Hazardous Waste Branch, Caltrans District 1. The subject of the letter was the Case Closure of the CDOT Klamath Maintenance yard UST removal and remediation. The letter indicates that there is no further action needed regarding the petroleum release and the removal of the former USTs. These documents are provided in appendix H.

4.3 Physical Setting Sources
The 1997 United States Geological Survey (USGS) 7.5 minute map titled Requa, California, which includes the Subject Property and surrounding areas, was reviewed and is included in Figure 3. The Subject Property has an elevation of 20 feet above mean sea level. The Subject Property is in a flat area that is located above a river bar. The topography of the area around the Subject Property slopes southwest. The nearest streams shown on the USGS topographic map are Salt Creek, which flows north to south and empties in the Klamath River; Mynot Creek, which flows northeast to southwest and empties into Spruce Creek; Spruce Creek, which flows south to north and empties into the Klamath River; Richardson Creek, which flows southwest to northeast and empties into the Klamath River; Hunter Creek, which flows east to west and empties into the Klamath River. The Klamath River flows from south to northwest and is within 350 feet of the western boundary of the property.

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, historic topographic maps, and interviews with local officials. City directory data and Sanborn Fire insurance maps were/not available with coverage for the Subject Property.

4.4.1 EDR Historic Aerial Photographs

Aerial photographs from 1964, 1974, 1982, 1993, 1998 and 2005 were provided by EDR. Copies of the aerial photographs are included in Appendix D. The aerial photographs were reviewed and the following observations were made:

- 1964: From this photograph, the property has a visible unimproved road that enters the property from the northwest corner of the property, adjacent to US Highway 101. Two structures, located at the south west portion of the property, are identifiable in this aerial photograph.
- 1974: From this photograph, no discernible roads or structures are visible. This is due to the fact that the resolution of this photograph is low, and the visibility is of poor quality.
- 1982: From this photograph, the property has a visible unimproved road that enters the property from the northwest and southwest corners of the property, adjacent to US Highway 101. One structure, located at the south west portion of the property, is identifiable in this aerial photograph.
- 1993: From this photograph, no discernible roads or structures are visible. This is due to the fact that the resolution of this photograph is low, and the visibility is low.
- 1998: From this photograph, the property has a visible unimproved road that enters the property from the northwest corner of the property, adjacent to US Highway 101. One structure, located at the south west portion of the property, is identifiable in this aerial photograph.
- 2005: From this photograph, the property has a visible unimproved road that enters the property from the northwest corner of the property, adjacent to US Highway 101. Visible are several vehicles parked throughout the Site, as well as what appears to be a several
trailers or Conex containers. One structure, located at the south west portion of the property, is identifiable in this aerial photograph.

4.4.2 Other Historic Photographs

4.4.3 Historic Topographic Maps
Historic topographic maps from 1947, 1952, 1966, and 1997 were provided by EDR. Copies of the historic topographic maps are included in Appendix E. The topographic maps were reviewed and the following observations were made:

- 1947: On this topographic map, there are no structures and one undeveloped road visible within the vicinity of the Subject Property. The location of the Subject Property is located in an area on the map labeled “Camp Klamath”. Visible on the map is a sawmill site labeled “Klamath Cedar Co.”. The “Klamath Cedar Co.” sawmill is located adjacent to the south of the Subject Property.
- 1952: On this topographic map, there appear to be several structures in the vicinity of the Subject Property. The location of the Subject Property is located in an area on the map labeled “Camp Klamath”. Visible on the map is a sawmill site labeled “Sawmill”. The “Sawmill” sawmill is located adjacent to the south of the Subject Property.
- 1966: On this topographic map, there is one structure in the vicinity of the Subject Property.
- 1997: On this topographic map, there is one structure and one undeveloped road in the vicinity of the Subject Property.

4.4.4 Historic City Directories
Historic city directory was not available with coverage for the town of Klamath. Documentation of the lack of coverage is included in Appendix F.

4.4.5 Sanborn Fire Insurance Maps
Historic Sandborn Fire Insurance Maps were not available with coverage for the town of Klamath. Documentation of the lack of coverage is included in Appendix G.

4.5 Historical Use Information on Adjoining Properties
The property to the southwest of the Subject Property has past historic uses included a recreational vehicle park, a fish packing plant and canary, and a lumber sawmill. The property to the northwest has a past historic use as a recreational vehicle park.
4.6 Data Failure

Historical records tracking the development for the Subject Property date back to 1958. Topographic maps of the region date back to 1947. The earliest development for this property is shown in the 1947 Klamath Topographic Quad. The County Of Del Norte County’s property records date back to 1958. The available historical data fails to identify the historical uses of the property prior to 1947. This creates a data gap between the years 1940 and 1947. Historic records indicate the modern town of Klamath was first developed in 1851, then was abandoned in 1852. It was reestablished in 1926, and was flooded in 1955 and 1964. After the 1964 flood, most of the town’s inhabitants left.
5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions
The Subject Property was inspected by Ray Martell of the Yurok Tribe Environmental Program on March 3, 2013. The Subject Property is located on a relatively flat terrain, and therefore it was traversed in its entirety by foot. There were no factors that limited access to the site. Photographs from the Site inspection are included in Appendix H.

5.2 General Site Settings
Generally the Subject Property consists of mostly undeveloped land. Most of the Subject Property is cleared of brush, with the exception of the southeast portion of the property that has trees and brush growing along the fence line. A portion of the Subject Property has been developed to accommodate the shed and the associated cement pad and asphalt lot adjacent to it (as described in section 2.4). There are several portable Conex storage containers, vehicles, trailers, barrels, cement piping and heavy equipment. The Subject Property is relatively flat, though the topography in the area slopes gently to the southwest, towards the Klamath River.

5.3 Exterior Setting
The shed, which is approximately 1,400 sq/ft in size, is located on the south east portion of the Subject Property. It is an unoccupied structure that is used as a vehicle/boat/storage maintenance facility. It is built on a concrete pad that extends approximately five feet to the north (front) of the building. The structure is constructed of wood and metal. The building is energized, and receives power from Pacific Power from overhead lines.

There is an odd shaped asphalt pad that is adjacent to the north side of the shed. The pad is approximately 100 feet in length, 60 feet wide at the western edge, and 25 feet wide at the eastern edge. There is a 10 foot wide by 12 foot long metal canopy attached on the south west portion of the pad.

At the time of this writing, five of the six Conex containers were inaccessible for inspection. The one Conex container that was available for inspection contained mechanical parts, boxes of supplies, tires, tools and cement. All the Conex containers are sitting directly on the ground with no foundations supporting them.

There were twelve 55 gallon oil barrels observed on the Subject Property. Of the twelve barrels, five appear to have product sealed inside them. Emery Mattz, Environmental Protection Specialist, Yurok Tribe Environmental Program, confirmed that the barrels contained either used motor oil, or used hydraulic fluid. The fluids were recovered from boats that are used in the Yurok Tribe Fisheries Program. One barrel is located next to the shed on the east side of the building. This barrel is full, and it appears to be weeping. The other four barrels are located to the north east of the shed, and are standing alone. In this vicinity, there is a large 250 gallon oil recycling container located adjacent to the four oil barrels. There is some staining on the asphalt around the oil recycling container. It is
approximately half full at the time of this writing, and is used by YTEP, Yurok Tribe Fisheries Program and the Yurok Tribe Maintenance Department for oil disposal. There is an empty portable fuel container with a pump and dispenser attached to it. It is approximately a 50 gallon portable tank that was removed from the back of a vehicle.

A metal cyclone fence surrounds the perimeter of the Subject Property. It is approximately 8 feet high with a gate on the North West portion of the Subject Property. The supporting posts appear to be cemented into the ground. The entrance gate is accessible from Highway 101 and allows access to the Subject Property.

5.4 Interior Observations

The shed, which is approximately 1,400 sq/ft in size, is located on the south east portion of the Subject Property. It is an unoccupied single storage structure that is used as a storage and maintenance facility. The interior of the building contains boat motors, appliances, several large machinery tools, paint, solvents, antifreeze, petroleum products and miscellaneous tools. The building is fully enclosed, and has large sliding garage doors that were locked. The front door was unlocked.
6.0 INTERVIEWS

6.1 Interviews with Owners
Kathleen Sartorius, Native American Liaison, Caltrans District 1, was contacted on May 13th, 2013, regarding the Subject Property. She provided the Caltrans file that they had on file for the Subject Property. A copy of the provided file is included in Appendix H.

6.2 Interview with Site Manager
Kathleen Sartorius, Native American Liaison, Caltrans District 1, was contacted on May 13th, 2013, regarding the Subject Property. She provided the Caltrans file that they had on file for the Subject Property. A copy of the provided file is included in Appendix H.

6.3 Interviews with Occupants
There are no occupants on the Subject Property. Therefore there was no occupants were available to interview.

6.4 Interviews with Local Government Officials
Yurok Tribal Councilmember, David Gensaw, representing the Requa District stated that there was a fish cannery, Paul’s Cannery, which was adjacent to the Subject Property. Yurok Tribal Councilmember, Jack Mattz, stated that the Subject Property had a large water tank on it that served the needs of the Caltrans workers. He also stated that he recalled fuel dispensers, as well as the maintenance shop. He also recalled that the maintenance shop had two pits on the floor in which the maintenance workers used to drain used oil. He also stated that in subsequent years, the pits will filled in with soil and capped with cement.
7.0 FINDINGS

The assessment has identified the following environmental findings:

- On August 24th, 1987, The State of California State Water Resources Control Board opened a case regarding a gasoline spill that occurred on the Subject Property. The quantity was unknown and the spill was resolved on the same day it was reported.

- A memo written to “File” from “Dale” on County of Del Norte letterhead stated that the two 1,000 gallon UST tanks were removed on September 29th, 1992. It was stated that there were no apparent leaks from the two tanks, and they showed only minor rusting. There was a leak of hydraulic fluid from the excavator, and all the visible contaminated soil was removed.

- Yurok Tribal Councilmember, Jack Mattz, stated that he recalled two fuel dispensers, as well as the maintenance shop. He also recalled that the maintenance shop had two pits on the floor in which the maintenance workers used to drain used oil. He also stated that in subsequent years, the pits will filled in with soil and capped with cement.

- The Subject Property was inspected by Ray Martell of the Yurok Tribe Environmental Program on March 3, 2013. There were twelve 55 gallon oil barrels observed on the Subject Property. Of the twelve barrels, five appear to have product sealed inside them. One barrel is located next to the shed on the east side of the building. This barrel is full, and it appears to be weeping. The other four barrels are located to the north east of the shed, and are standing alone. In this vicinity, there is a large 250 gallon oil recycling container located adjacent to the four oil barrels. It is approximately half full at the time of this writing. There is an empty portable fuel container with a pump and dispenser attached to it. It is approximately a 50 gallon portable tank that was removed from the back of a vehicle.
8.0 OPINION

8.1 Recognized Environmental Concerns and Historic Recognized Environmental Concerns:

Based on the consideration of the following conditions, the following findings would likely rise to the level of regulatory enforcement and for this reason these conditions are all Recognized Environmental Concerns (RECs). In my opinion, the observations stated below rise to the level of Recognized Environmental Concerns (RECs).

- On August 24th, 1987, a gasoline spill was reported to the State Of California Water Resources Board. The quantity was not documented, and it was determined at that time that no remediation was necessary.

- On September 29th, 1992, the two UST tanks were removed from the Subject Property. At this time, there was a hydraulic spill, and the quantity was unknown.

- It was purported that the maintenance shop drained vehicle fluids into a shallow excavated pit. It was also purported that the pit was capped with cement.

- There were twelve 55 gallon oil barrels observed on the Subject Property. Of the twelve barrels, five appear to have product sealed inside them. One barrel is located next to the shed on the east side of the building. This barrel is full, and it appears to be weeping.

- There is a large 250 gallon oil recycling container located on the Subject Property. There is staining on the asphalt surrounding the oil recycling container.

8.2 Opinion Regarding Additional Appropriate Investigation:

The obviousness of the presence or likely presence of contamination at the Subject Property, based on the REC’s and Historic Recs outlined in section 8.1, it is the opinion of this environmental professional that additional appropriate investigations be conducted.

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

We have performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-05 at the Subject Property, located on the Lock Lot (AKA Boat Yard), APN 140-050-14, near Klamath, California. Any exceptions to, or deletions from, this practice are described in Section 2 of this report. This assessment has revealed the following recognized environmental conditions in connection with the property:

This assessment has revealed historical recognized environmental conditions in connection with the property:

- The Subject Property had two 1,000 USTs that contained petroleum products that were installed in the mid 1950’s. On August 24th, 1987, a gasoline spill was reported to the State Of California Water Resources Board. The quantity was not documented, and it was determined at that time that no remediation was necessary. On September 29th, 1992, the two UST tanks were removed from the Subject Property. At this time, there was a hydraulic spill, and the quantity was unknown. It was purported that the maintenance shop drained vehicle fluids into a shallow excavated pit. It was also purported that the pit was capped with cement.

- There were twelve 55 gallon oil barrels observed on the Subject Property. Of the twelve barrels, five appear to have product sealed inside them. One barrel is located next to the shed on the east side of the building. This barrel is full, and it appears to be weeping. The other four barrels are located to the north east of the shed, and are standing alone. In this vicinity, there is a large 250 gallon oil recycling container located adjacent to the four oil barrels. There is staining on the asphalt surrounding the oil recycling container. It is approximately half full at the time of this writing.
10.0 DEVIATIONS

There were no significant deviations from ASTM E 1527-05.
11.0  ADDITIONAL SERVICES

No additional environmental services were provided under this contract.
12.0 REFERENCES


Environmental Data Resources (EDR), Radius Map Report

Environmental Data Resources (EDR), Aerial Photograph Decade package

Environmental Data Resources (EDR), Historic Topographic Maps

Environmental Data Resources (EDR), City Directory Abstract

Environmental Data Resources (EDR), Certified Sanborn Map Report

United States Geologic Service (USGS), date, 7.5 minute topographic quadrangle Requa, California
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APPENDIX I

CALTRANS FILE OF THE KLAMATH MAINTENANCE STATION

DEL NORTE COUNTY FILES OF THE KLAMATH MAINTENANCE STATION
APPENDIX J

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS
Site location map
1966 USGS 7.5 MINUTE TOPOGRAPHIC MAP
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

Boat Yard
17620 Highway 101
Klamath, CA 95548

RESEARCH SOURCE

Source 1: Del Norte County, California Assessor
Source 2: Del Norte County, California Recorder

PROPERTY INFORMATION

Deed 1:
According to the Del Norte County Assessor, the current owner of the subject property is the State of California. Records were searched at the Del Norte County Recorder’s Office. No conveyance was found of record transferring fee title ownership into the State of California for the subject property.

Legal Description: All that certain piece or parcel of land known as 17620 Highway 101, containing 0.289 acres, more or less, situate and lying in the County of Del Norte, State of California.

Legal Current Owner: State of California

Property Identifiers: 140-050-14

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒
If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:
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:
Yurok Tribe Environmental Program: Environmental Questionnaire

User / Client:
Date: MARCH 2013
Name: EMERY MATTZ III
Title: ENVIRONMENTAL PROTECTION SPECIALIST
Organization: YTEP

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

What is the reason the Phase I is required?

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

What is the current use of the property?

STORAGE LOT
What type of property transaction is this?
☐ Sale
☐ Purchase
☐ Exchange
☐ Other: explain ____________________________

Have you engaged a title company or professional to review recorded land title records and lien records?
☐ Yes
☒ No
If yes, describe:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

What were the results of the title review?
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Are any services beyond the requirements of Practice E1527 (Phase I ESA) required?
☐ Yes
☒ No
If yes, describe:
________________________________________________________________________
________________________________________________________________________

Who is the site contact for the property?
How can the site contact be reached?

Who is the owner of the property?

STATE OF CALIFORNIA CALTRANS

Who are the occupants of the property?

Yurok Tribe

Do any of the parties to the property transaction have a required standard scope of service?

☐ Yes

☒ No

If yes, describe:

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:
As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties?

☐ Yes

☒ No

If yes, describe:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If not, have you considered whether the price difference is due to contamination?

☐ Yes

☐ No

Additional Information:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Do you know the past use of this property?

☒ Yes

☐ No

If yes, describe:

Caltrans Storage Yard
Do you know of specific chemicals that are present or once were present at the property?
☑ Yes
☐ No
If yes, describe:
Gasoline, Diesel, Motor Oil, Hydraulic Fluid

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


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


5
As the user of the ESA, 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:

FORMER CALTRANS YARD
Yurok Tribe Environmental Program: ESA Document Request

User / Client:

- Date: MARCH 3 2013
- Name: EMERY MATTE III
- Title: Environmental Protection Specialist
- Organization: YTEP
- Subject: Property: Lock Lot

Status:

- [ ] Client / Owner
- [ ] Site manager
- [ ] Occupant
- [x] Government Official
- [ ] Other: explain

Please indicate if you have any documents listed below. If yes, please indicate if copies can be provided or reasonable access for review.

<table>
<thead>
<tr>
<th>Document</th>
<th>Available</th>
<th>Provided</th>
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</thead>
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<tr>
<td>Environmental Site Assessment Report</td>
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<tr>
<td>Environmental Compliance Audit Report</td>
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<td>Environmental Permits</td>
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<tr>
<td>Registration for underground or aboveground storage tanks</td>
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<tr>
<td>Registration for underground injection systems</td>
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</tr>
<tr>
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<td>Provided</td>
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*Material Safety Data Sheets (MSDS)*

*Environmental Site Assessment Reports*

*Community Right-To-Know Plan*

*Safety plans; preparedness and prevention plans; spill prevention countermeasures and control plans, etc.*

*Notices or other correspondence from any government agency relating to any environmental issues, past or current violations of any environmental law with respect to the property or relating to environmental liens encumbering the property*

*Hazardous waste generator notices or reports*

*Geotechnical studies*

*Risk assessments*

*Recorded activity and use limitations (AUL)*

**Are you aware of any pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the property?**

☐ Yes

☑ No

If yes, describe:

________________________________________

________________________________________

**Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or products in, on or from the property?**

☐ Yes

☑ No
If yes, describe:


During what time period were you the owner of the property?


What type of business did you have at the property?


Do you know the past uses of the property?

☒ Yes
☐ No
If yes, describe:

Car Trans, Storage Yard


Do you know the specific chemicals that are present at the property?

☒ Yes
☐ No
If yes, describe:

Motor Oil, Hydraulic Fluid, Gasoline, Diesel, Paint
Do you know of spills or other chemical releases that have taken place at the property?

☐ Yes
☑ No

If yes, describe:

________________________________________________

________________________________________________

________________________________________________

Do you know of any environmental cleanups that have taken place at the property?

☐ Yes
☑ No

If yes, describe:

________________________________________________

________________________________________________

________________________________________________

Do you have any other knowledge or experience with the property that may be pertinent to the environmental professional?

☑ Yes
☐ No

If yes, describe:

*Small oil spill by collection vessel*
Name
Donavan Gensaw
Bill Sanderson
John Wolfe
Margaret Cadwell
California L. Smith
Diane Bowers
Jeni Waddington
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<td>Physical Setting Source Addendum</td>
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TARGET PROPERTY INFORMATION

ADDRESS

17620 HIGHWAY 101
KLAMATH, CA 95548

COORDINATES

Latitude (North): 41.5395000 - 41° 32’ 22.20”
Longitude (West): 124.0487000 - 124° 2’ 55.32”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 412522.8
UTM Y (Meters): 4598967.5
Elevation: 24 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41124-E1 REQUA, CA
Most Recent Revision: 1966

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

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
EXECUTIVE SUMMARY

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, RCRA - 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

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
EXECUTIVE SUMMARY

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

Local Lists of Hazardous waste / Contaminated Sites
US CDL ........ Clandestine Drug Labs
HIST Cal-Sites ...... Historical Calsites Database
SCH .......... School Property Evaluation Program
Toxic Pits .......... Toxic Pits Cleanup Act Sites
CDL .......... Clandestine Drug Labs
US HIST CDL ...... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks
CA FID UST .......... Facility Inventory Database
HIST UST .......... Hazardous Substance Storage Container Database
SWEEPS UST .......... SWEEPS UST Listing

Local Land Records
LIENS 2 .......... CERCLA Lien Information
LUCIS .......... Land Use Control Information System
LIENS .......... Environmental Liens Listing
DEED .......... Deed Restriction Listing

Records of Emergency Release Reports
HMIR S .......... Hazardous Materials Information Reporting System
EXECUTIVE SUMMARY

CHMIRS, Land Disposal Sites Listing, Military Cleanup Sites Listing

Other Ascertainable Records


EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants, EDR Proprietary Manufactured Gas Plants

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants, EDR Proprietary Manufactured Gas Plants

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>
<th>Page</th>
</tr>
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<tr>
<td>YUROK INDIAN RESERVATION</td>
<td></td>
<td>0 - 1/8 (0.000 mi.)</td>
<td>0</td>
<td>7</td>
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</table>
**EXECUTIVE SUMMARY**

Due to poor or inadequate address information, the following sites were not mapped. Count: 32 records.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Database(s)</th>
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<tr>
<td>KLAMATH STP</td>
<td>WDS, Cortese, ENF</td>
</tr>
<tr>
<td>DON'S GAS</td>
<td>HIST CORTESE</td>
</tr>
<tr>
<td>USAF REQUA STATION</td>
<td>HIST CORTESE</td>
</tr>
<tr>
<td>KLAMATH STP</td>
<td>HIST CORTESE</td>
</tr>
<tr>
<td>TEXACO, KLAMATH</td>
<td>HIST CORTESE, LUST</td>
</tr>
<tr>
<td>DON'S GAS</td>
<td>LUST, SWEEPS UST</td>
</tr>
<tr>
<td>KLAMATH TEXACO STATION</td>
<td>SWEEPS UST</td>
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<tr>
<td>KLAMATH CENTRAL OFFICE</td>
<td>SWEEPS UST</td>
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<tr>
<td>KLAMATH MICROWAVE</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>MARGARET KEATING SCHOOL</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>CALIFORNIA DEPT OF FORESTRY &amp; FIRE</td>
<td>SWEEPS UST</td>
</tr>
<tr>
<td>YUROK MERCURY SPILL</td>
<td>CEROLIS</td>
</tr>
<tr>
<td>CDOT KLAMATH YARD</td>
<td>LUST</td>
</tr>
<tr>
<td>RIVERSIDE RV PARK</td>
<td>LUST</td>
</tr>
<tr>
<td>KLAMATH SHELL GAS STATION</td>
<td>UST</td>
</tr>
<tr>
<td>GTE KLAMATH (Z-33) MICROWAVE WEST</td>
<td>UST</td>
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<td>ARROW MILLS SITE</td>
<td>HIST UST</td>
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<td>MARGARET KEATING SCHOOL</td>
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<td>SIMPSON Klamath LOGGING</td>
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<td>&quot;U. S. AIR FORCE, REQUA STATION&quot;</td>
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<th>&gt; 1</th>
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<td>COAL ASH DOE</td>
<td>TP</td>
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<td>NR</td>
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<td>HWP</td>
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<td>0</td>
<td>NR</td>
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<td>HWT</td>
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<td>PROC</td>
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<td>NR</td>
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<td>FINANCIAL ASSURANCE</td>
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### EDR PROPRIETARY RECORDS

**EDR Proprietary Records**

<table>
<thead>
<tr>
<th>Database</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
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<tbody>
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<td>0</td>
<td>0</td>
<td>0</td>
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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
INDIAN RESERV
YUROK INDIAN RESERVATION (County), CA
< 1/8
1 ft.

INDIAN RESERV:
Feature: Indian Reservation
Name: Yurok Indian Reservation
Agency: BIA
State: CA
<table>
<thead>
<tr>
<th>City</th>
<th>EDR ID</th>
<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
<th>Database(s)</th>
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<td>GASQUET</td>
<td>A100176263</td>
<td>IDLEWILD MAINT. STAT.-CALTRANS</td>
<td>15600 HWY. 199</td>
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<td>AST</td>
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<tr>
<td>KALMATH</td>
<td>S105024307</td>
<td>DON'S GAS</td>
<td>15880 101</td>
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<td>HIST CORTESE</td>
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<td>KALMATH</td>
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<td>USAF REQUA STATION</td>
<td>PJ MURPHY MEM DR</td>
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<td>HIST CORTESE</td>
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<td>KALMATH</td>
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<td>LUST</td>
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<tr>
<td>KALMATH</td>
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<td>LUST, SWEEPS UST</td>
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<td>KALMATH</td>
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<td>125 EHLLERS ROAD</td>
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<td>INDIAN UST</td>
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<tr>
<td>KALMATH</td>
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<td>&quot;U. S. AIR FORCE, REQUA STATION&quot;</td>
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<td>SWEEPS UST</td>
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<td>KALMATH</td>
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<td>MAINTENANCE FACILITY</td>
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<td>WDS, Cortese, ENF</td>
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<td>REDWOOD NATIONAL PARK</td>
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<td>KALMATH</td>
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<td>HIST UST</td>
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<td>HIST CORTESE, LUST</td>
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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.

| Date of Government Version: 09/07/2011 | Source: EPA |
| Date Data Arrived at EDR: 10/12/2011 | Telephone: N/A |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 04/05/2012 |
| Number of Days to Update: 141 | Next Scheduled EDR Contact: 07/23/2012 |
| Number of Days to Update: | Data Release Frequency: Quarterly |

NPL Site Boundaries

Sources:

EPA’s Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

| EPA Region 1 | EPA Region 6 |
| Telephone 617-918-1143 | Telephone: 214-655-6659 |
| EPA Region 3 | EPA Region 7 |
| Telephone 215-814-5418 | Telephone: 913-551-7247 |
| EPA Region 4 | EPA Region 8 |
| Telephone 404-562-8033 | Telephone: 303-312-6774 |
| EPA Region 5 | EPA Region 9 |
| Telephone 312-886-6686 | Telephone: 415-947-4246 |
| EPA Region 10 | EPA Region 10 |
| Telephone 206-553-8665 |

Proposed NPL: Proposed National Priority List Sites  
A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

| Date of Government Version: 09/07/2011 | Source: EPA |
| Date Data Arrived at EDR: 10/12/2011 | Telephone: N/A |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 04/05/2012 |
| Number of Days to Update: 141 | Next Scheduled EDR Contact: 07/23/2012 |
| Number of Days to Update: | Data Release Frequency: Quarterly |

NPL LIENS: Federal Superfund Liens  
Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 08/15/2011 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/28/2011 |
| Number of Days to Update: | Data Release Frequency: No Update Planned |
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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141
Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 07/23/2012
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: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
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: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
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: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/05/2012
Next Scheduled EDR Contact: 06/11/2012
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: 12/30/2011
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 03/12/2012
- Next Scheduled EDR Contact: 06/25/2012
- 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: 12/30/2011
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 03/12/2012
- Next Scheduled EDR Contact: 06/25/2012
- 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: 10/03/2011
- Source: National Response Center, United States Coast Guard
- Telephone: 202-267-2180
- Last EDR Contact: 04/03/2012
- Next Scheduled EDR Contact: 07/16/2012
- 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: 03/14/2012
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 03/15/2012
- Next Scheduled EDR Contact: 05/21/2012
- 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.
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.

State and tribal leaking storage tank lists

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.

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.

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.

LUST REG 2: Fuel Leak List
LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

- Date of Government Version: 09/07/2004
- Date Data Arrived at EDR: 09/07/2004
- Date Made Active in Reports: 10/12/2004
- Number of Days to Update: 35
- Source: California Regional Water Quality Control Board Los Angeles Region (4)
- Telephone: 213-576-6710
- Last EDR Contact: 09/06/2011
- Next Scheduled EDR Contact: 12/19/2011
- Data Release Frequency: No Update Planned

LUST REG 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: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

- Date of Government Version: 05/19/2003
- Date Data Arrived at EDR: 05/19/2003
- Date Made Active in Reports: 06/02/2003
- Number of Days to Update: 14
- Source: California Regional Water Quality Control Board Central Coast Region (3)
- Telephone: 805-542-4786
- Last EDR Contact: 07/18/2011
- Next Scheduled EDR Contact: 10/31/2011
- Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

- Date of Government Version: 06/07/2005
- Date Data Arrived at EDR: 06/07/2005
- Date Made Active in Reports: 06/29/2005
- Number of Days to Update: 22
- Source: California Regional Water Quality Control Board Victorville Branch Office (6)
- Telephone: 760-241-7365
- Last EDR Contact: 09/12/2011
- Next Scheduled EDR Contact: 12/26/2011
- Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

- Date of Government Version: 02/01/2001
- Date Data Arrived at EDR: 02/28/2001
- Date Made Active in Reports: 03/29/2001
- Number of Days to Update: 29
- Source: California Regional Water Quality Control Board North Coast (1)
- Telephone: 707-570-3769
- Last EDR Contact: 08/01/2011
- Next Scheduled EDR Contact: 11/14/2011
- Data Release Frequency: No Update Planned

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
- Date Data Arrived at EDR: 02/15/2005
- Date Made Active in Reports: 03/28/2005
- Number of Days to Update: 41
- Source: California Regional Water Quality Control Board Santa Ana Region (8)
- Telephone: 909-782-4496
- Last EDR Contact: 08/15/2011
- Next Scheduled EDR Contact: 11/28/2011
- Data Release Frequency: Varies
LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27
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

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: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
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
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

**SLIC REG 5:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

*Source:* Regional Water Quality Control Board Central Valley Region (5)
*Telephone:* 916-464-3291

**SLIC REG 6:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

*Source:* Regional Water Quality Control Board, Victorville Branch
*Telephone:* 619-241-6583

**SLIC REG 6L:** SLIC Sites

*Source:* California Regional Water Quality Control Board, Lahontan Region
*Telephone:* 530-542-5574

**SLIC REG 7:** SLIC List

*Source:* California Regional Quality Control Board, Colorado River Basin Region
*Telephone:* 760-346-7491

**SLIC REG 8:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

*Source:* California Region Water Quality Control Board Santa Ana Region (8)
*Telephone:* 951-782-3298

**SLIC REG 9:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

*Source:* California Regional Water Quality Control Board San Diego Region (9)
*Telephone:* 858-467-2980
State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies
Date of Government Version: 01/20/2012  Source: SWRCB
Date Data Arrived at EDR: 01/20/2012  Telephone: 916-480-1028
Date Made Active in Reports: 02/22/2012  Last EDR Contact: 03/21/2012
Number of Days to Update: 33  Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.
Date of Government Version: 08/01/2009  Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009  Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009  Last EDR Contact: 01/23/2012
Number of Days to Update: 21  Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).
Date of Government Version: 10/01/2011  Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011  Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011  Last EDR Contact: 02/03/2012
Number of Days to Update: 10  Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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: 05/10/2011  Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011  Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011  Last EDR Contact: 01/30/2012
Number of Days to Update: 34  Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
Date of Government Version: 11/02/2011  Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011  Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011  Last EDR Contact: 01/30/2012
Number of Days to Update: 7  Next Scheduled EDR Contact: 05/14/2012
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: 11/01/2011  Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011  Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012  Last EDR Contact: 01/30/2012
Number of Days to Update: 50  Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies
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: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 18

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/10/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly
### INDIA VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

| Date of Government Version: 03/20/2008 | Source: EPA, Region 7 |
| Date Data Arrived at EDR: 04/22/2008 | Telephone: 913-551-7365 |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 07/20/2009 |
| Data Release Frequency: Varies |

### 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: 06/27/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 06/27/2011 | Telephone: 202-566-2777 |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 04/03/2012 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 07/09/2012 |
| Data Release Frequency: Semi-Annually |

#### Local Lists of Landfill / Solid Waste Disposal Sites

**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 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/09/2004 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 09/17/2004 | Last EDR Contact: 06/09/2004 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: N/A |
| Data Release Frequency: No Update Planned |

**DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

| Date of Government Version: 01/12/2009 | Source: EPA, Region 9 |
| Date Data Arrived at EDR: 05/07/2009 | Telephone: 415-547-4219 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 03/26/2012 |
| Number of Days to Update: 137 | Next Scheduled EDR Contact: 07/09/2012 |
| Data Release Frequency: No Update Planned |
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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: State Water Resources Control Board</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
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<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 02/13/2012</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 05/28/2012</td>
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SWRCY: Recycler Database
A listing of recycling facilities in California.

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<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Conservation</th>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 07/02/2012</td>
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</table>

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

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Integrated Waste Management Board</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 916-341-6422</td>
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<td>Date Made Active in Reports</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/04/2012</td>
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INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Environmental Protection Agency</th>
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<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 703-308-8245</td>
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<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 02/06/2012</td>
</tr>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 05/21/2012</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Drug Enforcement Administration</th>
</tr>
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<tbody>
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<td>Date Data Arrived at EDR</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/18/2012</td>
</tr>
</tbody>
</table>

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.
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: 03/14/2012
Date Data Arrived at EDR: 03/15/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 18
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 05/21/2012
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: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24
Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned
UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

- Date of Government Version: 09/23/2009
- Date Data Arrived at EDR: 09/23/2009
- Date Made Active in Reports: 10/01/2009
- Number of Days to Update: 8
- Source: Department of Public Health
- Telephone: 707-463-4466
- Last EDR Contact: 12/05/2012
- Next Scheduled EDR Contact: 06/18/2012
- Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

- Date of Government Version: 10/15/1990
- Date Data Arrived at EDR: 01/25/1991
- Date Made Active in Reports: 02/12/1991
- Number of Days to Update: 18
- Source: State Water Resources Control Board
- Telephone: 916-341-5851
- Last EDR Contact: 07/26/2001
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: No Update Planned

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

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.

- Date of Government Version: 09/09/2011
- Date Data Arrived at EDR: 09/16/2011
- Date Made Active in Reports: 09/29/2011
- Number of Days to Update: 13
- Source: Environmental Protection Agency
- Telephone: 202-564-6023
- Last EDR Contact: 01/30/2012
- Next Scheduled EDR Contact: 05/14/2012
- 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: 12/09/2005
- Date Data Arrived at EDR: 12/11/2006
- Date Made Active in Reports: 01/11/2007
- Number of Days to Update: 31
- Source: Department of the Navy
- Telephone: 843-820-7326
- Last EDR Contact: 04/03/2012
- Next Scheduled EDR Contact: 06/04/2012
- 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: 03/12/2012
- Date Data Arrived at EDR: 03/13/2012
- Date Made Active in Reports: 04/02/2012
- Number of Days to Update: 20
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 03/12/2012
- Next Scheduled EDR Contact: 06/25/2012
- 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: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
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: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Reporting System
California Hazardous Material Incident Report System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32
Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
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: 01/20/2012
Date Data Arrived at EDR: 01/20/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 32
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records
**RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

| Date of Government Version: 11/10/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2012 | Telephone: (415) 495-8895 |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 04/04/2012 |
| Number of Days to Update: 67 | Next Scheduled EDR Contact: 07/16/2012 |

**DOT OPS: Incident and Accident Data**

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

| Date of Government Version: 07/29/2011 | Source: Department of Transportation, Office of Pipeline Safety |
| Date Data Arrived at EDR: 08/09/2011 | Telephone: 202-366-4595 |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 02/07/2012 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 05/21/2012 |
| Data Release Frequency: Varies | |

**DOD: Department of Defense Sites**

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

| Date of Government Version: 12/31/2005 | Source: USGS |
| Date Data Arrived at EDR: 11/10/2006 | Telephone: 888-275-8747 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 01/20/2012 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 04/30/2012 |
| Data Release Frequency: Semi-Annually | |

**FUDS: Formerly Used Defense Sites**

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

| Date of Government Version: 12/31/2009 | Source: U.S. Army Corps of Engineers |
| Date Data Arrived at EDR: 08/12/2010 | Telephone: 202-528-4285 |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 03/12/2012 |
| Number of Days to Update: 112 | Next Scheduled EDR Contact: 06/25/2012 |
| Data Release Frequency: Varies | |

**CONSENT: Superfund (CERCLA) Consent Decrees**

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

| Date of Government Version: 12/01/2011 | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 01/25/2012 | Telephone: Varies |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 04/02/2012 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 07/16/2012 |
| Data Release Frequency: Varies | |

**ROD: Records Of Decision**

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

| Date of Government Version: 09/28/2011 | Source: EPA |
| Date Data Arrived at EDR: 12/14/2011 | Telephone: 703-416-0223 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 03/14/2012 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 06/25/2012 |
| Data Release Frequency: Annually | |
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.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146
Source: Department of Energy
Telephone: 505-845-0011
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Semi-Annually

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.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131
Source: EPA
Telephone: 202-566-0250
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64
Source: EPA
Telephone: 202-260-5521
Next Scheduled EDR Contact: 07/09/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Next Scheduled EDR Contact: 06/11/2012
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501

Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

HIST FTTS INSPEX: 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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501

Last EDR Contact: 12/17/2007
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.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203

Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012

Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088

Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012

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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500

Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012

Data Release Frequency: Annually
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<thead>
<tr>
<th>Database</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>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLTS: Material Licensing Tracking System</td>
<td>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.</td>
<td>06/21/2011</td>
<td>07/15/2011</td>
<td>09/13/2011</td>
<td>60</td>
<td>06/25/2012</td>
<td>Quarterly</td>
</tr>
<tr>
<td>RADINFO: Radiation Information Database</td>
<td>The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.</td>
<td>01/10/2012</td>
<td>01/12/2012</td>
<td>03/01/2012</td>
<td>49</td>
<td>07/23/2012</td>
<td>Quarterly</td>
</tr>
<tr>
<td>FINDS: Facility Index System/Facility Registry System</td>
<td>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).</td>
<td>10/23/2011</td>
<td>12/13/2011</td>
<td>03/01/2012</td>
<td>79</td>
<td>06/25/2012</td>
<td>Quarterly</td>
</tr>
<tr>
<td>RAATS: RCRA Administrative Action Tracking System</td>
<td>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.</td>
<td>04/17/1995</td>
<td>07/03/1995</td>
<td>08/07/1995</td>
<td>35</td>
<td>09/01/2008</td>
<td>No Update Planned</td>
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<tr>
<td>BRS: Biennial Reporting System</td>
<td>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.</td>
<td>12/31/2009</td>
<td>03/01/2011</td>
<td>05/02/2011</td>
<td>62</td>
<td>06/11/2012</td>
<td>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.

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

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/20/2012  Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/20/2012  Telephone: 916-445-9379
Date Made Active in Reports: 03/29/2012  Last EDR Contact: 02/20/2012
Number of Days to Update: 38  Next Scheduled EDR Contact: 06/04/2012
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: 02/27/2012
Number of Days to Update: 9  Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 01/03/2012  Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 01/03/2012  Telephone: 916-323-3400
Date Made Active in Reports: 01/19/2012  Last EDR Contact: 04/03/2012
Number of Days to Update: 16  Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009  Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009  Last EDR Contact: 01/22/2009
Number of Days to Update: 76  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  Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993  Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993  Last EDR Contact: 03/26/2012
Number of Days to Update: 18  Next Scheduled EDR Contact: 07/09/2012
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 upholster cleaning; industrial launderers; laundry and
garment services.
Date of Government Version: 01/19/2012
Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 01/19/2012
Telephone: 916-327-4498
Date Made Active in Reports: 02/21/2012
Last EDR Contact: 03/12/2012
Number of Days to Update: 33
Next Scheduled EDR Contact: 06/25/2012
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
Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009
Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009
Last EDR Contact: 04/02/2012
Number of Days to Update: 13
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of
Violation, Expedited Payment Letter, and Staff Enforcement Letter.
Date of Government Version: 08/15/2011
Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/23/2011
Telephone: 916-445-9379
Date Made Active in Reports: 10/03/2011
Last EDR Contact: 02/20/2012
Number of Days to Update: 41
Next Scheduled EDR Contact: 05/14/2012
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.
Date of Government Version: 12/31/2010
Source: California Environmental Protection Agency
Date Data Arrived at EDR: 08/19/2011
Telephone: 916-255-1136
Date Made Active in Reports: 08/16/2011
Last EDR Contact: 01/20/2012
Number of Days to Update: 28
Next Scheduled EDR Contact: 04/30/2012
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: 12/31/2008
Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010
Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010
Last EDR Contact: 03/30/2012
Number of Days to Update: 19
Next Scheduled EDR Contact: 07/09/2012
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
Date Data Arrived at EDR: 12/08/2006
Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007
Last EDR Contact: 01/20/2012
Number of Days to Update: 34
Next Scheduled EDR Contact: 04/30/2012
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
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands


Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

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: 02/22/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 40

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies
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: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 34
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/24/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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.
**ALAMEDA COUNTY:**

**Contaminated Sites**
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Alameda County Environmental Health Services</th>
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<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 510-567-6700</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 07/16/2012</td>
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<tr>
<td>Data Release Frequency</td>
<td>Semi-Annually</td>
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</table>

**Underground Tanks**

Underground storage tank sites located in Alameda county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Alameda County Environmental Health Services</th>
</tr>
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<tr>
<td>Data Release Frequency</td>
<td>Semi-Annually</td>
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</table>

**CONTRA COSTA COUNTY:**

**Site List**
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Contra Costa Health Services Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 925-646-2286</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 02/07/2012</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 05/21/2012</td>
</tr>
<tr>
<td>Data Release Frequency</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

**KERN COUNTY:**

**Underground Storage Tank Sites & Tank Listing**
Kern County Sites and Tanks Listing.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Kern County Environment Health Services Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 661-862-8700</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/16/2012</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 05/28/2012</td>
</tr>
<tr>
<td>Data Release Frequency</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>

**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.
## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

<table>
<thead>
<tr>
<th>Dataset 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>HMS: Street Number List, Industrial Waste and Underground Storage Tank Sites.</td>
<td>09/29/2011</td>
<td>12/15/2011</td>
<td>01/19/2012</td>
<td>35</td>
<td>Department of Public Works</td>
<td>626-458-3517</td>
<td>04/10/2012</td>
<td>07/30/2012</td>
<td>No Update Planned</td>
</tr>
<tr>
<td>List of Solid Waste Facilities, Solid Waste Facilities in Los Angeles County.</td>
<td>01/23/2012</td>
<td>01/24/2012</td>
<td>02/21/2012</td>
<td>28</td>
<td>La County Department of Public Works</td>
<td>818-458-5185</td>
<td>01/24/2012</td>
<td>05/07/2012</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>City of Los Angeles Landfills, 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>11/17/2011</td>
<td>03/05/2012</td>
<td>Varies</td>
</tr>
<tr>
<td>Site Mitigation List, Industrial sites that have had some sort of spill or complaint.</td>
<td>12/29/2011</td>
<td>02/02/2012</td>
<td>02/21/2012</td>
<td>19</td>
<td>Community Health Services</td>
<td>323-890-7806</td>
<td>01/23/2012</td>
<td>05/07/2012</td>
<td>Varies</td>
</tr>
<tr>
<td>City of El Segundo Underground Storage Tank, Underground storage tank sites located in El Segundo city.</td>
<td>01/23/2012</td>
<td>01/25/2012</td>
<td>02/22/2012</td>
<td>28</td>
<td>City of El Segundo Fire Department</td>
<td>310-524-2236</td>
<td>01/23/2012</td>
<td>04/06/2012</td>
<td>Annually</td>
</tr>
<tr>
<td>City of Long Beach Underground Storage Tank, Underground storage tank sites located in the city of Long Beach.</td>
<td>03/28/2003</td>
<td>10/23/2003</td>
<td>11/26/2003</td>
<td>34</td>
<td>City of Long Beach Fire Department</td>
<td>562-570-2563</td>
<td>03/05/2012</td>
<td>05/14/2012</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>
City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

| Date of Government Version: 01/16/2012 | Source: City of Torrance Fire Department |
| Date Data Arrived at EDR: 01/18/2012 | Telephone: 310-618-2973 |
| Date Made Active in Reports: 02/22/2012 | Last EDR Contact: 04/10/2012 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 07/30/2012 |
| Date Made Active in Reports: 02/22/2012 | Data Release Frequency: Semi-Annually |

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

| Date of Government Version: 01/13/2012 | Source: Public Works Department Waste Management |
| Date Data Arrived at EDR: 01/24/2012 | Telephone: 415-499-6647 |
| Date Made Active in Reports: 02/22/2012 | Last EDR Contact: 04/09/2012 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 07/23/2012 |
| Date Made Active in Reports: 02/22/2012 | Data Release Frequency: Semi-Annually |

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

| Date of Government Version: 12/05/2011 | Source: Napa County Department of Environmental Management |
| Date Data Arrived at EDR: 12/06/2011 | Telephone: 707-253-4269 |
| Date Made Active in Reports: 02/07/2012 | Last EDR Contact: 03/05/2012 |
| Number of Days to Update: 63 | Next Scheduled EDR Contact: 06/18/2012 |
| Date Made Active in Reports: 02/07/2012 | Data Release Frequency: No Update Planned |

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

| Date of Government Version: 01/15/2008 | Source: Napa County Department of Environmental Management |
| Date Data Arrived at EDR: 01/16/2008 | Telephone: 707-253-4269 |
| Date Made Active in Reports: 02/08/2008 | Last EDR Contact: 12/05/2012 |
| Number of Days to Update: 23 | Next Scheduled EDR Contact: 06/18/2012 |
| Date Made Active in Reports: 02/08/2008 | Data Release Frequency: No Update Planned |

ORANGE COUNTY:

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

| Date of Government Version: 02/01/2012 | Source: Health Care Agency |
| Date Data Arrived at EDR: 02/17/2012 | Telephone: 714-834-3446 |
| Date Made Active in Reports: 02/21/2012 | Last EDR Contact: 02/13/2012 |
| Number of Days to Update: 4 | Next Scheduled EDR Contact: 05/28/2012 |
| Date Made Active in Reports: 02/21/2012 | Data Release Frequency: Annually |

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

| Date of Government Version: 02/01/2012 | Source: Health Care Agency |
| Date Data Arrived at EDR: 02/17/2012 | Telephone: 714-834-3446 |
| Date Made Active in Reports: 02/21/2012 | Last EDR Contact: 02/13/2012 |
| Number of Days to Update: 4 | Next Scheduled EDR Contact: 05/28/2012 |
| Date Made Active in Reports: 02/21/2012 | Data Release Frequency: Quarterly |
List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).
Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 04/03/2012
Number of Days to Update: 46
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 03/19/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 16
Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
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: 01/18/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 26
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/26/2012
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:
Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 27
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/14/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 25
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:
### Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

- **Date of Government Version:** 03/01/2012
- **Source:** San Bernardino County Fire Department Hazardous Materials Division
- **Telephone:** 909-387-3041
- **Date Data Arrived at EDR:** 03/01/2012
- **Date Made Active in Reports:** 03/27/2012
- **Number of Days to Update:** 26
- **Next Scheduled EDR Contact:** 05/28/2012
- **Data Release Frequency:** Quarterly

### SAN DIEGO COUNTY:

#### Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

- **Date of Government Version:** 09/09/2010
- **Date Data Arrived at EDR:** 09/15/2010
- **Date Made Active in Reports:** 09/29/2010
- **Number of Days to Update:** 14
- **Source:** Hazardous Materials Management Division
- **Telephone:** 619-338-2268
- **Last EDR Contact:** 03/16/2012
- **Next Scheduled EDR Contact:** 06/25/2012
- **Data Release Frequency:** Quarterly

#### Solid Waste Facilities
San Diego County Solid Waste Facilities.

- **Date of Government Version:** 10/31/2011
- **Date Data Arrived at EDR:** 11/04/2011
- **Date Made Active in Reports:** 12/13/2011
- **Number of Days to Update:** 39
- **Source:** Department of Health Services
- **Telephone:** 619-338-2209
- **Last EDR Contact:** 01/30/2012
- **Next Scheduled EDR Contact:** 05/14/2012
- **Data Release Frequency:** Varies

#### Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

- **Date of Government Version:** 03/23/2010
- **Date Data Arrived at EDR:** 06/15/2010
- **Date Made Active in Reports:** 07/09/2010
- **Number of Days to Update:** 24
- **Source:** San Diego County Department of Environmental Health
- **Telephone:** 619-338-2371
- **Last EDR Contact:** 03/12/2012
- **Next Scheduled EDR Contact:** 06/25/2012
- **Data Release Frequency:** No Update Planned

### SAN FRANCISCO COUNTY:

#### Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

- **Date of Government Version:** 09/19/2008
- **Date Data Arrived at EDR:** 09/19/2008
- **Date Made Active in Reports:** 09/29/2008
- **Number of Days to Update:** 10
- **Source:** Department Of Public Health San Francisco County
- **Telephone:** 415-252-3920
- **Last EDR Contact:** 02/13/2012
- **Next Scheduled EDR Contact:** 05/28/2012
- **Data Release Frequency:** Quarterly
Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011
Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011
Last EDR Contact: 02/13/2012
Number of Days to Update: 5
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 01/18/2012
Source: Environmental Health Department
Date Data Arrived at EDR: 01/18/2012
Telephone: N/A
Date Made Active in Reports: 02/22/2012
Last EDR Contact: 03/26/2012
Number of Days to Update: 35
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

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

Date of Government Version: 01/17/2012
Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/17/2012
Telephone: 650-363-1921
Date Made Active in Reports: 02/21/2012
Last EDR Contact: 03/19/2012
Number of Days to Update: 35
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

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

Date of Government Version: 12/15/2011
Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 12/15/2011
Telephone: 650-363-1921
Date Made Active in Reports: 01/19/2012
Last EDR Contact: 03/19/2012
Number of Days to Update: 35
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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
Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005
Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005
Last EDR Contact: 03/23/2009
Number of Days to Update: 22
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: 03/05/2012
Source: Department of Environmental Health
Date Data Arrived at EDR: 03/07/2012
Telephone: 408-918-3417
Date Made Active in Reports: 03/27/2012
Last EDR Contact: 03/05/2012
Number of Days to Update: 20
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Annually
Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

- **Date of Government Version:** 02/16/2012
- **Source:** City of San Jose Fire Department
- **Telephone:** 408-535-7694
- **Date Data Arrived at EDR:** 02/17/2012
- **Last EDR Contact:** 02/13/2012
- **Date Made Active in Reports:** 02/21/2012
- **Next Scheduled EDR Contact:** 05/28/2012
- **Number of Days to Update:** 4
- **Data Release Frequency:** Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

- **Date of Government Version:** 12/19/2011
- **Source:** Solano County Department of Environmental Management
- **Telephone:** 707-784-6770
- **Date Data Arrived at EDR:** 01/06/2012
- **Last EDR Contact:** 03/19/2012
- **Date Made Active in Reports:** 01/27/2012
- **Next Scheduled EDR Contact:** 07/02/2012
- **Number of Days to Update:** 21
- **Data Release Frequency:** Quarterly

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

- **Date of Government Version:** 12/19/2011
- **Source:** Solano County Department of Environmental Management
- **Telephone:** 707-784-6770
- **Date Data Arrived at EDR:** 01/17/2012
- **Last EDR Contact:** 03/19/2012
- **Date Made Active in Reports:** 02/24/2012
- **Next Scheduled EDR Contact:** 07/02/2012
- **Number of Days to Update:** 38
- **Data Release Frequency:** Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

- **Date of Government Version:** 04/05/2011
- **Source:** Department of Health Services
- **Telephone:** 707-565-6565
- **Date Data Arrived at EDR:** 04/06/2011
- **Last EDR Contact:** 04/02/2012
- **Date Made Active in Reports:** 05/12/2011
- **Next Scheduled EDR Contact:** 07/16/2012
- **Number of Days to Update:** 36
- **Data Release Frequency:** Quarterly

SUTTER COUNTY:

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

- **Date of Government Version:** 03/12/2012
- **Source:** Sutter County Department of Agriculture
- **Telephone:** 530-822-7500
- **Date Data Arrived at EDR:** 03/13/2012
- **Last EDR Contact:** 03/12/2012
- **Date Made Active in Reports:** 04/03/2012
- **Next Scheduled EDR Contact:** 06/25/2012
- **Number of Days to Update:** 21
- **Data Release Frequency:** Semi-Annually

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.
Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

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.

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.
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: 02/20/2012  
Date Data Arrived at EDR: 02/20/2012  
Date Made Active in Reports: 03/15/2012  
Number of Days to Update: 24  
Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/20/2012  
Next Scheduled EDR Contact: 06/04/2012  
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 07/20/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 22  
Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/20/2012  
Next Scheduled EDR Contact: 04/30/2012  
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: 01/10/2012  
Date Data Arrived at EDR: 02/09/2012  
Date Made Active in Reports: 03/09/2012  
Number of Days to Update: 29  
Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/09/2012  
Next Scheduled EDR Contact: 05/21/2012  
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 01/26/2012  
Date Made Active in Reports: 03/06/2012  
Number of Days to Update: 40  
Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/23/2012  
Next Scheduled EDR Contact: 05/07/2012  
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 06/24/2011  
Date Made Active in Reports: 06/30/2011  
Number of Days to Update: 6  
Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/27/2012  
Next Scheduled EDR Contact: 06/11/2012  
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/15/2011  
Number of Days to Update: 27  
Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/19/2012  
Next Scheduled EDR Contact: 07/02/2012  
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.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 and 2005 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.
Groundwater flow velocity is generally impacted by the nature of the geologic strata. 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.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

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.
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY
General Topographic Gradient: General WSW

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: DEL NORTE, CA
FEMA Flood Electronic Data: YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property: 06015C - FEMA DFIRM Flood data
Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property: REQUA
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

<table>
<thead>
<tr>
<th>Era</th>
<th>Mesozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td>System</td>
<td>Cretaceous</td>
</tr>
<tr>
<td>Series</td>
<td>Upper Mesozoic</td>
</tr>
<tr>
<td>Code</td>
<td>uMze(decoded above as Era, System &amp; Series)</td>
</tr>
</tbody>
</table>

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits


DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture’s (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: BIGRIVER
Soil Surface Texture: sandy loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained. 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: > 60 inches
Depth to Bedrock Max: > 60 inches
### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</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>6 inches</td>
<td>sandy loam</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
<td>Max: 6.00</td>
<td>Max: 6.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 2.00</td>
<td>Min: 5.60</td>
</tr>
<tr>
<td>2</td>
<td>6 inches</td>
<td>63 inches</td>
<td>stratified</td>
<td>Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
<td>Max: 6.00</td>
<td>Max: 6.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 2.00</td>
<td>Min: 5.60</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:**
- silt loam
  - very gravelly - sand
  - loamy sand

**Surficial Soil Types:**
- silt loam
  - very gravelly - sand
  - loamy sand

**Shallow Soil Types:** No Other Soil Types

**Deeper Soil Types:** No Other Soil Types

### 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

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

No Wells Found

### 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></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No PWS System Found

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>
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<tbody>
<tr>
<td>1</td>
<td>CADW40000042614</td>
<td>1/2 - 1 Mile NNE</td>
</tr>
<tr>
<td>A2</td>
<td>11196</td>
<td>1/2 - 1 Mile NW</td>
</tr>
<tr>
<td>A3</td>
<td>11197</td>
<td>1/2 - 1 Mile NW</td>
</tr>
<tr>
<td>4</td>
<td>11198</td>
<td>1/2 - 1 Mile SSE</td>
</tr>
</tbody>
</table>
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID: 1
Direction: NNE
Distance: 1/2 - 1 Mile
Elevation: Higher

Table:

<table>
<thead>
<tr>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA WELLS</td>
<td>CADW40000042614</td>
</tr>
</tbody>
</table>

Location Information:
- Longitude: -124.0433
- Latitude: 41.5463
- Swellno: 13N01E03M001H
- Districtco: 5
- Welluseco: H
- Countyco: 8
- Siteid: CADW40000042614

Water System Information:
- Prime Station Code: 13N01E-04G01 H
- FRDS Number: 0800621001
- District Number: 01
- Water Type: Well/Groundwater
- Source Lat/Long: 413253.0 1240334.0
- Source Name: WELL 01
- System Number: 0800621
- System Name: Panther Creek RV Park
- Organization That Operates System: P.O. BOX 1086 CRESCENT CITY, CA 95531
- Pop Served: 100
- Area Served: Not Reported
- User ID: ATT
- County: Del Norte
- FRDS Number: 0800621001
- Station Type: WELL/AMBNT/MUN/INTAKE
- Well Status: Active Raw
- Precision: 1,000 Feet (10 Seconds)

---

Map ID: A2
Direction: NW
Distance: 1/2 - 1 Mile
Elevation: Higher

Water System Information:
- Prime Station Code: 13N01E-04G02 H
- FRDS Number: 0800623001
- District Number: 01
- Water Type: Well/Groundwater
- Source Lat/Long: 413256.0 1240336.0
- Source Name: WELL 01
- System Number: 0800623
- System Name: Del's Camp
- Organization That Operates System: P.O. BOX 1086 CRESCENT CITY, CA 95531
- Pop Served: 100
- Area Served: Not Reported
- User ID: ATT
- County: Del Norte
- FRDS Number: 0800623001
- Station Type: WELL/AMBNT/MUN/INTAKE
- Well Status: Active Raw
- Precision: 1,000 Feet (10 Seconds)

---

Map ID: A3
Direction: NW
Distance: 1/2 - 1 Mile
Elevation: Higher

Water System Information:
- Prime Station Code: 13N01E-04G03 H
- FRDS Number: 0800624001
- District Number: 01
- Water Type: Well/Groundwater
- Source Lat/Long: 413255.0 1240334.0
- Source Name: WELL 01
- System Number: 0800624
- System Name: Del's Camp
- Organization That Operates System: P.O. BOX 1086 CRESCENT CITY, CA 95531
- Pop Served: 100
- Area Served: Not Reported
- User ID: ATT
- County: Del Norte
- FRDS Number: 0800624001
- Station Type: WELL/AMBNT/MUN/INTAKE
- Well Status: Active Raw
- Precision: 1,000 Feet (10 Seconds)
**Water System Information:**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Prime Station Code</td>
<td>13N/01E-04J01 H</td>
</tr>
<tr>
<td>FRDS Number</td>
<td>0800622001</td>
</tr>
<tr>
<td>District Number</td>
<td>01</td>
</tr>
<tr>
<td>Water Type</td>
<td>Well/Groundwater</td>
</tr>
<tr>
<td>Source Lat/Long</td>
<td>413142.0 1240218.0</td>
</tr>
<tr>
<td>Source Name</td>
<td>WELL 01</td>
</tr>
<tr>
<td>System Number</td>
<td>0800622</td>
</tr>
<tr>
<td>System Name</td>
<td>Chinook Water System</td>
</tr>
</tbody>
</table>
| Organization That Operates System | P.O. BOX F  
                             | KLAMATH, CA 95548                           |
| Pop Served                    | 200                                        |
| Area Served                   | Not Reported                               |
| User ID                       | ATT                                        |
| County                        | Del Norte                                  |
| Station Type                  | WELL/AMBNT/MUN/INTAKE                      |
| Well Status                   | Active Raw                                 |
| Precision                     | 1,000 Feet (10 Seconds)                    |

**Map ID**

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Database</th>
<th>EDR ID Number</th>
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<tbody>
<tr>
<td>4</td>
<td>SSE</td>
<td>1/2 - 1 Mile</td>
<td>Higher</td>
<td>CA WELLS</td>
<td>11198</td>
</tr>
</tbody>
</table>

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**
AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

<table>
<thead>
<tr>
<th>Zipcode</th>
<th>Num Tests</th>
<th>&gt; 4 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>95548</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

Federal EPA Radon Zone for DEL NORTE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95548
Number of sites tested: 2

<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>
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</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>-0.100 pCi/L</td>
<td>100%</td>
<td>0%</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>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</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 and 2005 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.

STATE RECORDS

Water Well Database
   Source: Department of Water Resources
   Telephone: 916-651-9648

California Drinking Water Quality Database
   Source: Department of Health Services
   Telephone: 916-324-2319
   The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
   Source: Department of Conservation
   Telephone: 916-323-1779
   Oil and Gas well locations in the state.

RADON

State Database: CA Radon
   Source: Department of Health Services
   Telephone: 916-324-2208
   Radon Database for California

Area Radon Information
   Source: USGS
   Telephone: 703-356-4020
   The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
   Source: EPA
   Telephone: 703-356-4020
   Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.
OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR’s Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California’s Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

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Date EDR Searched Historical Sources:
Aerial Photography April 12, 2012

Target Property:
17620 Highway 101
Klamath, CA 95548

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Details</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>1964</td>
<td>Aerial Photograph. Scale: 1&quot;=500'</td>
<td>Flight Year: 1964</td>
<td>USGS</td>
</tr>
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<td>1974</td>
<td>Aerial Photograph. Scale: 1&quot;=533'</td>
<td>Flight Year: 1974</td>
<td>NASA</td>
</tr>
<tr>
<td>1982</td>
<td>Aerial Photograph. Scale: 1&quot;=335'</td>
<td>Flight Year: 1982</td>
<td>USGS</td>
</tr>
<tr>
<td>1993</td>
<td>Aerial Photograph. Scale: 1&quot;=666'</td>
<td>Flight Year: 1993</td>
<td>USGS</td>
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<tr>
<td>1998</td>
<td>Aerial Photograph. Scale: 1&quot;=500'</td>
<td>/Composite DOQQ - acquisition dates: 1998</td>
<td>EDR</td>
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<tr>
<td>2005</td>
<td>Aerial Photograph. Scale: 1&quot;=500'</td>
<td>Flight Year: 2005</td>
<td>EDR</td>
</tr>
</tbody>
</table>
INQUIRY #: 3301142.5
YEAR: 1982

1" = 335'
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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Certified Sanborn® Map Report 4/11/12

<table>
<thead>
<tr>
<th>Site Name:</th>
<th>Client Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat Yard</td>
<td>Yurok Tribe</td>
</tr>
<tr>
<td>17620 Highway 101</td>
<td>190 Klamath Boulevard</td>
</tr>
<tr>
<td>Klamath, CA 95548</td>
<td>Klamath, CA 95548</td>
</tr>
</tbody>
</table>

EDR Inquiry # 3301142.3 Contact: Ray Martell

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Yurok Tribe were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

**Certified Sanborn Results:**

<table>
<thead>
<tr>
<th>Site Name:</th>
<th>Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat Yard</td>
<td>17620 Highway 101</td>
</tr>
<tr>
<td></td>
<td>Klamath, CA 95548</td>
</tr>
</tbody>
</table>

P.O. #: NA
Project: Boat Yard
Certification #: FDBE-4D45-8CB1

**UNMAPPED PROPERTY**

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Boat Yard
17620 Highway 101
Klamath, CA 95548

Inquiry Number: 3301142.6
April 12, 2012
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.

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APPENDIX I

CALTRANS FILE OF THE KLAMATH MAINTENANCE STATION

DEL NORTE COUNTY FILES OF THE KLAMATH MAINTENANCE STATION
Mr. Luis Rivera
California Regional Water Quality
Control Board, North Coast Region
5550 Skyline Blvd, Suite A
Santa Rosa, California 95403

Attention Lisa Jenkins

Dear Mr. Rivera:

On September 29, 1992, both Klamath Maintenance Station underground fuel tanks were unearthed and removed. Dale Watson, Del Norte County Environmental Health, was on-site during removal operations.

Appropriate soil samples were taken and excavated material stockpiled appropriately adjacent to the pit.

No holes were observed in the tanks, however, midden was noted in the sidewalls of the excavation. Our District Archaeologist reviewed the site and made the following observations:

- A pre-1870 Yurok village, known as A-menok, was located in the vicinity of the Klamath maintenance station. The seven and a half feet deep cultural deposit surrounding the gasoline and diesel tanks probably is this village.

- The material excavated to install the tanks in the early 1950's, then used as backfill, and most recently removed to extract the tanks does contain identifiable mammal, bird and fish bone, artifacts, shell, and is predominantly a dense, carbon rich midden. What appears to be a three to five inch layer of yellowish clay approximately four feet deep is exposed in the south and east walls of the tank pit. This type of clay and at that depth, along with other indicators suggest that the excavation to install the tanks cut through a Yurok house.
No human bone was observed in any of the backfill material removed this year. The potential for human bone and burials to be in this location is quite high. Pre-1870’s Yurok cemeteries adjoined or lay within the village. A very large village sometimes had two or three cemeteries. I did not screen any of the backfill because of the potential for gasoline or diesel fuel contamination; identifiable human bones or bone fragments may be present.

Members of the Yurok community have not yet been contacted to find out how they would like the material treated. In the past, they have wanted to keep all material from a site within the site. When burials are present or a potential for burials exists, the feeling of keeping the material where it came from is even greater, if not imperative. I’m fairly certain that members from the Resighini Rancheria and the Yurok tribe would not want the maintenance station material removed to another site, especially if it was going to be processed in any manner.

The attached test results seem to indicate a low grade diesel contamination, probably caused by overfilling. North Coast Laboratories report implies a naturally degrading diesel.

As test results are quite low to nondetect at this site, I would like to line the pit with an impervious liner and return the disturbed cultural resource material to the pits. We will then cap it with a gravel base and asphalt concrete paving. This will allow the natural degradation to continue and still keep it contained within a very limited area. There are no private water systems within 1200 feet of this location that could be affected. The sources of contamination have been removed.

As this archaeological site is currently exposed to potential vandalism, I am requesting verbal permission to close the site immediately.

Very truly yours,

GEORGE P. OTTERBECK, Chief
Engineering Services Branch

Attachments

GPO: tgt
bcc: 1-AOSauls
2-GPotterbeck
3-SSWerner
4-Engineering Services Project File
November 3, 1992

George P. Otterbeck
Department of Transportation
District 1
P.O. Box 3700
Eureka, CA 95502-3700

Dear Mr. Otterbeck:

Subject: CDOT, Klamath Yard, Klamath, California UGT No. ITDN003

The letter and attached data, dated October 22, 1992, regarding the subject site has been reviewed. The Regional Board concurs with the plan to line the excavation pit area with an impermeable layer of plastic material prior to backfilling with the stockpiled materials originally excavated, containing disturbed cultural resource. It is understood that the remainder of the excavation will be filled using imported gravel, which will then be paved over with asphalt. If groundwater is encountered during field activities, a sample will need to be taken and submitted to a certified laboratory for analyses of contaminants of concern.

A report of field activities (report) will need to be submitted to this office following the performance of the work. In addition to photo images of the site at consecutive stages, the report should clearly describe all work activities performed. Documentation of the depth to groundwater in the vicinity of the subject site will need to be provided to assist in evaluating the potential impact groundwater. In the event that groundwater samples are available, laboratory results should be presented in the report.

Pursuant to Section 13267 of the California Water Code, please submit the report of field activities no later than January, 1 1993. Once the report of field activities is received, the Regional Board will evaluate the threat to water quality posed by the subject site, in an effort to determine the next appropriate action.

The Regional Board looks forward to working with you in this matter. Please do not hesitate to call me if there are any questions or problems.

Sincerely,

Lisa Jenkins
Intern Environmental Specialist

LJ: tam/klamath
Memorandum

To: Michael Moore  
Right of Way Agent

Date: June 6, 1996

File: DN-101-6.1  
ISA #96-46  
EA 952138  
Klamath Maintenance Yard

Excess Property

From: DEPARTMENT OF TRANSPORTATION - District 1  
Steve Werner Chief, Environmental Engineering Branch

Subject: Initial Site Assessment (ISA)

An Initial Site Assessment (ISA) was conducted on May 28, 1996 for the above referenced parcel by Louie Holcomb based on a parcel map of the site received on April 25, 1996. This site is now used for storage yard but for many years served as an active Maintenance yard. Two underground fuel tanks were removed in September 1992 and the North Coast Regional Water Quality Control Board issued a "Case Closure" for the on March 11, 1994.

It is unlikely that hazardous wastes exists on the property and this office considers it clear for sale. A disclosure statement, however, regarding the prior use of the site must be made available to prospective buyers so that they can exercise appropriate inquiry into the prior history and uses of the site consistent with good commercial or customary practice.

This parcel not listed on the 1994 "Cortose List" of Hazardous Waste Sites. Questions or comments on this ISA may be directed to Louie Holcomb at 441-2022.

Steve Werner, Chief  
Environmental Engineering Branch

LBH/SSW:lbh  
cc: DH  
FAW  
JS  
JAM  
1.KS  
2.SSW  
3.LBH  
4.File  
Chrono File
**Substances Released:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Quantity</th>
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<tr>
<td>Gasoline</td>
<td>Automotive</td>
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**Cause of Leak:**

- Internally

**Method Used to Stop Discharge:**

- Bundling

**RB Record File:**

- [Return to Report Main Menu](#)
- [Show This Site on Map](#)
- [Case Status: Closed](#)
- [Contact: Regional Water Board Site Closed - (707) 576-2220](#)
- [North Coast Regional Agency - (707) ZZZ](#)
- [Regional Board (Lead Agency) - Case #131180903](#)

**Details Released:**

- [Link Report](#)
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<th>Soil Phase</th>
<th>Excavate and Dispose Method</th>
<th>Start Date</th>
<th>Remediation On Site</th>
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<td>Local Agency</td>
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<td>DeL Norte County</td>
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<tr>
<td></td>
<td>CONTRACT: Regional Water Board Site Closed - (277) 776-2220</td>
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<td></td>
<td>111 Highway 101</td>
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<td>Cook Inland Fire District (KLAMATH)</td>
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<td>KLAMATH, CA</td>
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MEMORANDUM

To: DEBORAH HARMON

Date: April 22, 1996

File: 1-DN-101-6.1
Excess Parcel
643-01-01

From: DEPARTMENT OF TRANSPORTATION - District 1
MICHAEL T. MOORE

Subject: Request for Environmental Clearance

The Excess Land Branch is in the process of preparing the public sale of the former Klamath Maintenance Yard in Klamath.

Please review this parcel for Environmental Clearance and let me know if it will be clear to sell by October 1, 1996.

Attachment

MTM: jv
From: Martin Van Zandt
To: TO1MAIL.T1MAIL1(tniesen), T2MAIL.T2MAIL1(t2rjimc),...
Date: 10/14/97 5:03pm
Subject: Klamath Maint. Sta. -Reply -Reply

Rick,

I just received the letter from Susy Long, Chairperson of the Yurok Tribe, which you forwarded to me. It states that archaeological disturbance and looting has occurred at this site. I don't believe that construction of a fence (damaged in the flood of 1997 and removed during cleanup) will solve that problem. I have no crew available to do that work without stopping other vital work. Maintenance ceased using the property some time ago. The status is as follows:

"Klamath (01-DN-101-0.6)

Hazardous Waste clearance is complete. The environmental clearance will not be secured for up to 18 months (2/99). Excess materials (mostly pipe) will be disposed of as salvage. The old R.E. trailer has been turned over to Leota for disposal through R/W excess lands. Large beams at the site are being accepted by Del Norte county. The date of removal of these beams is presently unknown. The property should be ready for sale by 3/99."

If Maintenance is forced to build the fence, we will likely enlist the aid of the CCC, if they are available. The question is, "Who is going to provide security for the facility to halt the looting?" My suggestion is that R/W make a stronger effort to get the lease signed and that the agreement include some consideration for Tribal reconstruction of the fence. Security would be better provided by the Tribe. My suggested response to Susy will include this suggestion if you agree.

Marty

CC: TO1MAIL.T1MAIL1(bmarshal),
Debra,

Bruce Marshall said I should get you involved in this since there is some looting going on. What might you suggest to stop the looting? I agree that a fence never stopped a serious looter and so it won't do it here. I guess we could lease the entire site to the Yuroks since we intend to sell it to them in the end once it is cleared for sale. What this would accomplish to stop the looting I don't know. Do you have any good ideas for me to follow up with?
January 21, 1988

Mr. Jeff Arnold
Environmental Health Department
529 I Street
Eureka, California 95501

Dear Mr. Arnold:

SUBJECT: LEAK DETECTION PLAN FOR THE Klamath Yard - CALTRANS
IT PROJECT NUMBER 190292-02

IT Corporation (IT) has been retained by the Office of The State Architect (OSA), of Sacramento, California, to prepare leak detection plans for underground storage tanks at state-owned facilities throughout Regions 1 and 2 as specified by OSA under Agreement Number CS 6387 and Work Order Number GST 754.

Each facility has been visited and a leak detection plan has been developed. Enclosed is the leak detection plan for the facility mentioned above.

We ask that your agency review and approve the plan. Upon notice of the approval, the state will proceed with plan implementation. We look forward to hearing from you soon.

If you have any questions, please call me at (415) 372-9100.

Sincerely,

John McGuire
Project Manager

UST: 2318

cc: John McGuire
Central Files

Regional Office
4585 Pacheco Boulevard • Martinez, California 9
LEAK DETECTION AND MONITORING PLAN
OFFICE OF THE STATE ARCHITECT
SACRAMENTO, CALIFORNIA
IT PROJECT NUMBER 190263

PREPARED FOR:
STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF THE STATE ARCHITECT
1500 5TH STREET
SACRAMENTO, CALIFORNIA 95814

PREPARED BY:
IT CORPORATION
4585 PACHECO BOULEVARD
MARTINEZ, CALIFORNIA 94553

JANUARY 21, 1988
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4.0 ATTACHMENTS
   UNDERGROUND TANK INFORMATION SURVEY  
   AGENCY APPROVAL FORM  
   SITE FIGURE
1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE OF WORK

The following plan outlines a method recommended to OSA by IT Corporation (IT) for a leak detection plan (LDP) and tank monitoring plan (TMP) for management of the underground storage tank at the Klamath Yard - Caltrans Facility. The OSA has selected IT to develop plans to bring a number of underground tanks into compliance with current state and local agency requirements.

1.2 BACKGROUND

This plan has been prepared in compliance with current and proposed "California Underground Tank Regulations", dated August 1985, and applicable local agency guidelines. The regulations referenced in this plan are derived from the California Administrative Code, Title 23 (Waters), Subchapter 16 (Underground Tank Regulations) by the California State Water Resource Control Board.

Enclosed is a copy of a completed survey form and site sketch for the facility. Information contained in the survey form was completed in cooperation with the facility manager.

2.0 LEAK DETECTION PLAN

2.1 TANK INTEGRITY TESTING

The gasoline tank included in this program has recently undergone integrity testing. Based on the allowable product variation of less than or equal to 0.05 gallons per hour for testing of tanks with a capacity up to 12,499 gallons, as stated in the regulations, the tanks at this facility are certified "tight". A copy of the certification has been submitted by OSA to your agency.

3.0 TANK MONITORING PROGRAM

3.1 TANK REMOVAL

All of the tanks at this facility are greater than 30 years old. Therefore, all of the tanks at this facility will be removed in accordance with applicable provisions of Chapter 6.5 of Division 20 of the Health and Safety Code and Article 7, Section 2672-(b), (d) and (e), of the Underground Storage Tank Regulations.

All permits and documentation required by the local enforcing agency shall be obtained by the tank owner.

All of the residual liquid, solids and sludges shall be removed from the tanks. The tanks and piping shall be cleaned with a high pressure washer, evacuated, and then rendered inert with carbon dioxide using dry ice. The generated liquids will be properly disposed at a Class I disposal facility. A combustible gas meter will be used to measure the concentration of organic
vapors. Excavation activities will not be initiated until the concentration of organic vapors is less than 10 percent of the lower explosive limits for the product stored in the tanks, as per state code.

The tanks and associated piping will be uncovered using a backhoe. Soil and fill will be stockpiled at the work area during the tank excavation. Clean soil and fill will be used as partial backfill after the tanks and their associated piping are removed. The owner of the storage tanks shall document to the local agency that proper disposal of the tanks and piping has been completed.

Samples will be collected from the bottom of the excavation as required by the regulations. A sample will be collected for every 20 lineal-feet of trench for piping and beneath the tank. The soil/water samples will be analyzed for Total Petroleum Hydrocarbons, low boiling point fraction EPA Method 3550 for the diesel tank. The high boiling point fraction shall be analyzed for all samples associated with the other tanks.

The detection of any unauthorized release shall be reported according to all applicable guidelines under Article 5 of the Underground Storage Tank Regulations.
PRELIMINARY UNDERGROUND TANK INFORMATION SURVEY
Office of the State Architect, State of California

INSTRUCTIONS FOR COMPLETING FORM

1) Complete one form for each facility
2) Where data is estimated or uncertain, note "est" or "approx"
3) Not all of the information requested here will be available. However, it is very important and should be completed or estimated if at all possible.
4) Attach additional sheets if more space is needed to answer the questions.
5) Provide at least two (2) pictures as per specifications.

Photo Identification H-10, 11

I. ADMINISTRATIVE
A. Department
   Name: Same as I-B
   Address: 
   City: __________ County: __________ CA Zip: ___
   Phone: __________ Contact: __________

B. Facility
   Name: Klamath Yard - Caltrans
   Address: Highway 101 North (P. O. Box 218)
   Nearest Cross Street: Highway 101
   City: Crescent City County: Del Norte CA Zip: 95531
   Phone: (707) 464-1751 Contact: Howard Lawes
B. Facility (continued)

Number of underground tanks at facility: Four

Tanks owned X leased

Facility owned X leased

C. Operator (if different from facility)

Name: Same as I-B

Address:

City: City County: County CA Zip: ___

Phone: Contact:

Emergency Contact

Day: Name Howard Lawes Phone (707) 464-1751

Night: Name Same Phone Same

E. Product Supplier

Name: Unknown

Address:

City: City County: County CA Zip: ___

Phone: Contact:

F. Registration and Certification

Which regulations govern the tanks at this facility (e.g. State, County, Local) State
F. Registration and Certification (continued)

Have tanks been registered? Unknown Date ______________________

Which agency enforces the State tank regulations? ______________________

Agency Address: Environmental Health Department ______________________

529 I Street

Eureka, CA 95501 ______________________

Phone: (707) 445-6215 Contact: Jeff Arnold ______________________

Tank Registration or Permit #: Unknown ______________________

Fees Paid: ______________________ Cost: ______________________

(Provide copies of registration/permit/fees to consult)

II. SITE INFORMATION

A. Geology

Predominant natural soil type: Loam - sandy silt 

Depth to first aquiclude Unknown ______________________

Is site area on floodplain? yes X no __

B. Groundwater

Name of the groundwater basin and subbasin? Prairie Creek Area Basin

Estimated depth to high water table 40 feet est.

Estimated depth to low water table 10 feet est.

Average depth to water table ______________________

Are there any water wells within 0.5 miles? yes ___ no X

If yes, distance and direction to well ______________________
B. Groundwater (continued)

Uses of groundwater (eg. agricultural, domestic, industrial)

Domestic

Current conditions of groundwater Unknown

Hydraulic gradient and direction, if known Unknown

Approximate ground surface slope and direction Flat

C. Nearby Utilities

Distance to nearest underground telephone line None near

Distance to nearest underground gas line None near

Distance to nearest underground power line Est. 5 feet

Distance to nearest water line Est. 5 feet

Distance to nearest storm sewer line None

Distance to nearest offsite basement None

Are there any nearby underground power lines that pose a risk in drilling?
yes _____ no ______

Is there any nearby power for the monitoring system

yes _____ no ______

D. Site History and Surrounding Area

Please note source of information entered in this section.

Nearest location where cuttings generated during the drilling operations can be disposed of On site (Howard Lawes)
D. Site History and Surrounding Area (continued)

Suspected contamination X Confirmed contamination 

No contamination 

Dates and extent of known spills at this site and materials spilled Diesel tank failed test -- extent/duration unknown 

Type of surrounding environment (e.g. forest, agricultural, industrial etc.) Forested 

Activities on adjoining sites Recreational/residential/trailer park 

Hazardous liquids that may be stored on adjoining sites (e.g. hydrocarbons, fuels, pesticides, solvents etc.) Unknown 

Known spills on adjoining sites None 

E. Facility Plan

Draw a sketch of the site with the recommended location of soil borings in accordance with the schedule of number of groundwater and/or vadose monitoring wells required pursuant to the provisions of monitoring alternatives of the California Underground Storage Tank Regulations.

Please see Attached Sketch

III. TANK INFORMATION

A. General Tank Description

OSA Tank Identification Number (1) 2,369; (2) 2,370; (3, 4) Unknown

Attach sketch of tank location.

Tank used for: Product storage: X waste storage _______

sump ________ other (describe) __________________________

Capacity in gallons (1, 2) 1,000; (3, 4) Unknown
A. General Tank Description (continued)

Annual throughput in gallons (1, 2) Est. 5,000 each; (3, 4) None

Status of tank (active or inactive) (1, 2) Active; (3, 4) Inactive

If inactive:

Date tank taken out of service Unknown

Quantity of material remaining in tank Unknown

Is tank filled with inert material? Unknown

Manufacturer of tank Unknown

Installation year Estimate before 1957

Date of last tank test (1, 2) 3/17/87; (3, 4) Unknown

B. Tank Construction and Operation

Wall Material Est. steel

Elevation of ground above each tank (1) 34"; (2) 34"; (3, 4) Unknown

Tank dimensions (1, 2) 45-inch diameter

Depth to bottom of tank (1) 79"; (2) 79"; (3, 4) Unknown

Is tank in a vault? yes _____ no _____ X

Is there secondary containment? yes _____ no _____ X

Type of backfill (natural soil, sand, pea gravel, clay etc.)

Est. natural soil

Type of internal protection (eg. liner, epoxy) Unknown

Type of external protection (eg. asphalt, fiberglass) Unknown

Type of cathodic protection None

Existing monitoring equipment or procedures None
B. Tank Construction and Operation (continued)

Are fuel additives (inhibitors) used in this tank?

yes _____ no ____ X ____

Does tank have fuel transfer capability? yes ___ X ___ no ______

Size and number of tank openings (1, 2) 1 each 2"; (3, 4) 1 each 2"

C. Material Stored

Material currently stored (1) Gasoline; (2) Diesel; (3, 4) Unknown

If petroleum stored, grade of motor vehicle fuel or waste oil. (1) Unleaded; (2) Diesel

Material stored used for Vehicles/road equipment

Past materials stored (1) Leaded; (3, 4) Kerosene

D. Tank History

PLEASE NOTE SOURCE OF THE INFORMATION ENTERED IN THIS SECTION

SOURCE: Howard Lawes

Describe past repairs and include dates Unknown

Dates and extent of known leaks (2) Failed test - extent/duration unknown
E. Miscellaneous Tank Information

What are the compliance alternatives for this tank ______________________

1. Tank Monitoring ______________________

2. Tank Removal and Replacement ______________________

COMPLETE THE FOLLOWING QUESTIONS IF THE INFORMATION IS KNOWN. DO NOT TRY AND INSPECT THE TANK FOR CODE COMPLIANCE.

Which construction codes do tanks meet? (eg. fire codes, county building codes, etc) give dates. Unknown ______________________

Surface elevation - Est. 25 feet ______________________

Surface material directly above tank ( e.g. pavement) Gravel/soil ______________________

Does the surface material show signs of settlement or distress? No ______________________

Is surface directly above the tank used (e.g. structures, storage yard) No ______________________

If yes, describe ______________________
E. Miscellaneous Tank Information (continued)

Are there signs of tank movement (e.g. floating, excessive settlement)

No

If yes, explain

Are filler caps, access covers, locks, etc functional  Yes

Is overfill protection available  Yes

(NOTE: THE FACILITY MANAGER SHOULD ANSWER THE FOLLOWING FOUR QUESTIONS).

Is underground storage needed at this facility  Yes

Feasibility of placing tank above ground  Feasible

Are commercial sources available and feasible to use by the agency

No

Feasibility of eliminating or consolidating this tank with others?

None (planning to remove kerosene)

Are other State facilities within one mile of this site?  No

What equipment is used onsite that cannot be taken offsite for refueling?

Fueling station for all large equipment

General comments  Fuel needed on site. Site shall either be abandoned or completely redone in future.

Would the elimination of the tank(s):

pose a threat to public safety  Yes

hinder the agency's ability to provide vital services  Yes
IV. INVENTORY RECONCILIATION

Is inventory reconciliation done  Yes ________________________________
If yes, with what frequency ________________________________________
   Daily _______ Weekly _______ Monthly X Yes _______________________
Are there meters with totalizers on dispensing mechanisms? Yes ________

____________________________
Is there an automated tank level gauging system? No ___________________
If inventory reconciliation is done on a daily basis, what is your typical
daily variation? +/-10 gal. _____ +/-25 gal. _____
   +/-50 gal. _____ +/-100 gal. _____
greater than 100 gallons _______
What is tank throughput? Daily (1 & 2) 15 each; (3 & 4) None _______
   Weekly (1 & 2) 95 each Monthly (1 & 2) 420 each __________
If the tank is 1,000 gallons or less, can the tank be operated so that
there are periods of up to 7 days where no inputs or withdrawals are
allowed? No _______________________
A. General Piping Information (continued)

Age of piping  Same as installation

Is piping above or below ground  Below

Type of backfill used in piping trenches  Est. natural soil

Method of delivering material through pipeline (gravity, suction, pressure, etc)  Suction

Leak detection equipment used  None

Venting type  (1 & 2) 1.5 inches; (3 & 4) 0.75 inches

Is product metered between tank and end device  No

Are fill connections or sounding tube covers located above grade?  (1 & 2) No; (3 & 4) Yes

Is there an overfill protection device on the fill pipe  No

Describe known leaks (dates, extent, location)  None


B. Miscellaneous Piping Information

Accessibility of piping for workmen  Accessible

Describe effort to access piping  Remove soil

Feasibility of placing piping above ground  Not feasible

Feasibility of placing piping in utility tunnel  Not feasible
VI. TANK INVESTIGATION HISTORY

Date Describe Investigation Investigation Co. etc.

VII. LEAK DETECTION PLAN INFORMATION

A. Identification of all suitable monitoring alternatives

Alternative #  State #1
Alternative #  State #2
Alternative #  State #5
Alternative #  Tank Removal

B. Monitoring Alternative Selected No. Tank Removal

Reasons for selection  B.1. Noble County requires all tanks to be removed and replaced (if needed) due to the age of the tanks and the tank history.
C. List of Proposed Monitoring Equipment, Control Units, and Specifications  
(minimum of three manufacturers)

1. Veeder Root TLS-250

2. Gilbarco Tank Monitor

3. Emco Wheaton or Tidel Tank Monitor

4. Number of control units: 1 panel, 4 probes

5. Attach copies of manufacturers specifications.
November 3, 1992

George P. Otterbeck  
Department of Transportation  
District 1  
P.O. Box 3700  
Eureka, CA 95502-3700

Dear Mr. Otterbeck:

Subject: CDOT, Klamath Yard, Klamath, California UGT No. 1TDN003

The letter and attached data, dated October 22, 1992, regarding the subject site has been reviewed. The Regional Board concurs with the plan to line the excavation pit area with an impermeable layer of plastic material prior to backfilling with the stockpiled materials originally excavated, containing disturbed cultural resource. It is understood that the remainder of the excavation will be filled using imported gravel, which will then be paved over with asphalt. If groundwater is encountered during field activities, a sample will need to be taken and submitted to a certified laboratory for analyses of contaminants of concern.

A report of field activities (report) will need to be submitted to this office following the performance of the work. In addition to photos images of the site at consecutive stages, the report should clearly describe all work activities performed. Documentation of the depth to groundwater in the vicinity of the subject site will need to be provided to assist in evaluating the potential impact groundwater. In the event that groundwater samples are available, laboratory results should be presented in the report.

Pursuant to Section 13267 of the California Water Code, please submit the report of field activities no later than January, 1 1993. Once the report of field activities is received, the Regional Board will evaluate the threat to water quality posed by the subject site, in an effort to determine the next appropriate action.

The Regional Board looks forward to working with you in this matter. Please do not hesitate to call me if there are any questions or problems.

Sincerely,

ORIGINAL SIGNED BY

Lisa Jenkins  
Intern Environmental Specialist

LJ: tam/klamath
cc: Don Bush, Del Norte County Health Department
September 15, 1992

Cal Trans
1120 N Street
Sacramento, CA. 95814

RE:________________________

Thank you for your application and fee for underground storage tank(s) removal. The Permit is granted. Please notify us as to when the tank(s) will be removed. All the advanced notice you can give us, hopefully at least 48 hours, will be appreciated.

If you have any questions please call (707) 465-4991.

Very Truly Yours,

Richard Mize, M.D.
Health Officer

by_______________________R.E.H.S.
COUNTY OF DEL NORTE
909 Highway 101 North
CRESCEMT CITY, CALIFORNIA 95531

DEPARTMENT OF
PUBLIC HEALTH

AREA CODE 707
464-7227

MEMO

TO : File
FROM : Dale
SUBJECT: Underground Storage Tank removal at Caltrans Maintenance Station in Klamath.

On September 29, 1992 I observed two 1,000 gallon storage tanks being removed from the Caltrans Klamath Maintenance Station. One had held diesel, the other gasoline. They were side by side with the long axis in an east west direction. They were between the shed closest to Highway 101 and the highway. They were buried in copious quantities of well graded fill material up to appropriately 3/8” in size. I observed undisturbed soil on all but the west side of the excavation and on the bottom. It consisted of layers of soil that appeared to be mostly carbon containing a large percentage of animal bones and sea shells interspersed with thin layers of silty clayey sand, yellow brown in color. There was not free water in the excavation. The soil in the bottom (about 6’ deep) was beginning to be moist.

Product lines entered the tank excavation from the north, west of center. Vent lines went to the east. The vent stacks were against the shed.

Upon removal, the tanks showed only minor rusting. There was no apparent leakage.

Soil samples were collected by Shane of Haberstock Construction, the removal contractor. The samples came from beneath the bottoms of both tanks and from the sidewall beneath the point where the product lines entered the excavation. Bruce from Caltrans also observed the procedure.

In interpreting soil sample results it would be well to remember that the soil sampled was probably from an ancient Indian campsite or dump site, and was highly carboniferous possibly containing animal fats and oils. A leak of hydraulic fluid from the backhoe also occurred during the removal process. The soil that was obviously contaminated by the leak was removed.
APPLICATION FOR CLOSURE OF UNDERGROUND STORAGE TANKS

This application must be filled out completely for each tank closure.
A filing fee of $150.00 must accompany each tank closure. Submit the fee to the Department of Public Health. Checks to be payable to Del Norte County.

This application must be signed by the tank owner or operator.

Facility Name: CALTRANS KLAIMGHT MAINT. STATION  # tanks closed 2
Facility Address: DN 101- P.M. 60, KLAIMGHT, CA  # tanks remaining 0
Contractor's Name: HARROCK, COST. Phone: 725-6138

Indicate which type of tank closure you are applying for:

- [X] Permanent Closure
- [ ] Removal
- [ ] Closure in place
- [ ] Temporary closure

Number of tanks being closed: TWO
Reason for Closure:

For each tank being closed, list the following:

<table>
<thead>
<tr>
<th>Tank size (gallons)</th>
<th>Age of tank (years)</th>
<th>Tank contents (chemical name)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>2</td>
<td>DIESEL</td>
</tr>
<tr>
<td>1000</td>
<td>2</td>
<td>GASOLINE</td>
</tr>
</tbody>
</table>

Site last operated tank(s): JUNE 1997

EPA hazardous waste generator number for your facility:

Soil sampling for product contamination must be done for permanent tank closure. List the analytical laboratory to be used for analysis:

Name of laboratory: NORTH COAST LABS Phone: 822-4649

Note: Submit copy of analytical test results to the Del Norte County Health Department within 30 days of receipt.

If the tank is to be removed, complete Section I below.
If the tank is to be closed-in-place, complete Section II below.
If the tank is to be temporarily closed, complete Section III below.

Note: All tank(s) product contents must be removed prior to closure of the tank(s).
Section I-Tank Removal

Provide a plot plan of existing facility showing property boundaries, location of tanks to be removed, underground facilities, wells, equipment and any remaining tanks.

Will the tank(s) be cleaned on site?  Yes ☐  No ☐

If Yes:  Name of company cleaning tank:  HABERSCOCK CONS.
Method of cleaning tank:  TRIPLE RINSE-TSP
Name of company hauling rinsate:  CHICO DRAIN OIL
and their DHS Hazardous Waste Hauler's License No.  #812 EPA#
Tank/piping destination (facility name and address):  949 HAWTHORNE ST. EUREKA, CA 95501

If No:  Name of company cleaning tank:
and their DHS Hazardous Waste Hauler's License No: 
Tank/piping destination for disposal or destruction (facility name and address): 

Is/are the tank(s) to be used for scrap metal?  Yes ☐  No ☐

If, yes, facility name and address:  CITY GARAGE CO., 949 HAWTHORNE ST. EUREKA, CA 95501

Is/are the removed tank(s) proposed for reuse as aboveground storage tank(s)?  Yes ☐  No ☐

If Yes:  Name of owner:
Location of reuse:
Nature of reuse:
Chemical to be stored:

Local fire jurisdiction approval is required prior to reusing tank for aboveground storage.

Section II-Tank Closure-In-Place

Provide a plot plan of existing facility showing property boundaries, location of tank(s) to be closed-in-place, underground utilities, wells, equipment, and any remaining tanks.

Name of company cleaning tank:
Method of cleaning tank:
Name of company hauling rinsate:
and their DHS Hazardous Waste Hauler's License No.
What inert material (e.g., sand/cement slurry) will be used to fill the cleaned in-place tank and piping?
Section III-Tank Temporary Closure

Provide a plot plan of existing facility showing property boundaries, location of tank(s) to be temporarily closed, underground utilities, wells, equipment, and any remaining tanks.

Name of company cleaning tank: ____________________________
Method of cleaning tank: _________________________________
and their DHS Hazardous Waste Hauler's License No.: __________

Applicant's Signature: ________________________________
Date: __________

FOR OFFICIAL USE ONLY

TANK NUMBER: ________________________
APPROVED: ________________________
DENIED: ________________________
SIGNATURE: ________________________
DATE: ________________________
March 11, 1994

Mr. Steve Werner, Chief
Engineering Geology and Hazardous Waste Branch
California State Department of Transportation
District 1
325 Grant Street
Eureka, CA 95501

Subject: Case Closure
CDOT Klamath Maintenance Yard, 711 Highway 101,
Klamath, CA
Case No. 1TDN003

Dear Mr. Werner:

This letter confirms the completion of site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) is greatly appreciated.

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

ORIGINAL SIGNED BY

Benjamin D. Kor
Executive Officer

KPK:tab/cdot

cc: Del Norte County Health Department
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<tr>
<th>DATE</th>
<th>STATUS</th>
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<tr>
<td>3/9/1994</td>
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<td>3/8/1994</td>
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<td>Open - Remediation</td>
</tr>
<tr>
<td>9/23/1987</td>
<td>Open - Site Assessment</td>
</tr>
<tr>
<td>8/24/1987</td>
<td>Open - Case Begin Date</td>
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<tr>
<td>CASE SUMMARY</td>
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<td><strong>REPORT DATE</strong></td>
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<td><strong>ADDRESS</strong></td>
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<td>P.O. BOX 3700</td>
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<tr>
<td>EUREKA, CA 95502</td>
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<td><strong>III. SITE LOCATION</strong></td>
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<tr>
<td><strong>FACILITY NAME</strong></td>
<td><strong>FACILITY ID</strong></td>
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<tr>
<td>CDOT KLAMATH YARD</td>
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<tr>
<td><strong>FACILITY ADDRESS</strong></td>
<td><strong>ORIENTATION OF SITE TO STREET</strong></td>
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<tr>
<td>711 HIGHWAY 101</td>
<td>CROSS STREET</td>
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<tr>
<td>KLAMATH, CA 95548</td>
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<tr>
<td>DEL NORTE COUNTY</td>
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<td><strong>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</strong></td>
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</tr>
<tr>
<td>GASOLINE</td>
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<tr>
<td><strong>VI. DISCOVERY/ABATEMENT</strong></td>
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</tr>
<tr>
<td><strong>DATE DISCHARGE BEGAN</strong></td>
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</tr>
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<td><strong>DATE DISCOVERED</strong></td>
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<td><strong>X. GENERAL COMMENTS</strong></td>
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</tr>
<tr>
<td><strong>XI. CERTIFICATION</strong></td>
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</tr>
<tr>
<td>I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.</td>
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**LOCAL AGENCY**

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<tr>
<td>Brian McNally</td>
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<td>DEL NORTE COUNTY</td>
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<thead>
<tr>
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<tbody>
<tr>
<td>981 H Street, Suite 110</td>
<td></td>
</tr>
<tr>
<td>CRESTCITY, CA 95531</td>
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**REGIONAL BOARD**

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<th>EMAIL ADDRESS</th>
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<tr>
<td></td>
<td>ZZZ</td>
<td>NORTH COAST RWQCB (REGION 1)</td>
<td><a href="mailto:lriviera@waterboards.ca.gov">lriviera@waterboards.ca.gov</a></td>
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<table>
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<td>SANTA ROSA, CA 95403</td>
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**PHONE TYPE**

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<tr>
<td>MAIN PHONE</td>
<td>(707)-576-2220</td>
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<tr>
<td>MAIN FAX</td>
<td>(707)-523-0135</td>
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</tbody>
</table>

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APPENDIX J

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS
Kathleen M. Sloan, Ph.D.
PO Box 7244
Brookings, OR 97415
(541) 251-3159
Email: ksloan@yuroktribe.nsn.us (work)

Qualifications & Experience:
- Director, Yurok Tribe Environmental Program
- Program administration and management for EPA funded programs
- Secretary of Interior Standards qualified Archeologist
- NEPA and CEQA review & compliance
- NHPA Determinations of Eligibility and National Register nominations

Education:

Ph.D. 2007 Oregon State University
Major: Environmental Sciences
Minors: Cultural Resources Management and Native American Studies

M.A.I.S. 2003 Oregon State University
Major: Anthropology (Cultural Resources Management/Archeology)
Minors: Native American Studies and Native American Art History

B.A. 1990 University of Notre Dame
Major: Design and Visual Arts
Minor: Art History

Graduate Coursework Completed:

Environmental Sciences:
- Environmental Methods, Environmental Analysis, Natural Resources and Community Values,
- Cultural Ecology, Landscape Ecology, Geographic Information Systems (GIS), Geoarcheology,
- Applied Geomorphology, Ice Age Environments, Survey of Paleo-ecology, GK-12 Science Education Theory, GK-12 Science Education Methods, GK-12 Science Education Practicum. Seminar and dissertation credits.

Anthropology:
- Theory of Culture, Archeological Theory, Anthropological Research Design, Cultural Resource Law,
- Cultures of North America, Northwest Prehistory, North America After the Ice Age, Settlement Pattern Studies, Lithic Analysis, Faunal Analysis, Primate and Human Evolution, Human Osteology.
- Project credits (NAGPRA), lab credits (curation and analysis of pre-historic and historic archeological materials), Archeological Field School and CRM internship. Thesis and research credits.

Native American Studies:
- Pacific Northwest Coast Art, Plains Indian Art, Contemporary Native American Art,
- Theories of Race and Ethnicity, Native American Tribes and Treaties & Federal Indian Law,
Professional Experience:


June 2003 – July 2008. Supervisory Archeologist/Assistant Director, Cultural Resources Division, Yurok Tribe Environmental Program. PI for cultural resources projects including: Field surveys and investigations, Section 106/NHPA/NEPA/CEQA reviews, contract CRM, and ethnographic studies for the Yurok Tribe.

May - June 2003. Field Archeologist GS-9, USDA Forest Service, Crescent Ranger District, Deschutes National Forest, Oregon. Field archeologist. Supervised and completed cultural resource inventory surveys, sub-surface testing, mapping of cultural sites, soil analysis and profiles, site documentation and recording.


September 1997 - June 1999. Field Technician. OSU Center for the Study of the First Americans. Research assistant and field crew member on a variety of archeological field projects.

June - August 1997. Archeological Field School with OSU Department of Anthropology. 8 week training in archeological field methods, survey, excavation, mapping, lab analysis and curation of diagnostic artifacts.

Professional Teaching Experience:


Winter 1998, Spring 1998, Fall 1998 Graduate Teaching Assistant. Oregon State University, Department of Anthropology, Dr. MacMurray: Cultures in Conflict, Comparative Cultures, Family, Gender and Generation.
Specialized Professional Trainings:

July 2008     ARC GIS 9.2 and Environmental Applications
Northwest Environmental Training Center
3-day training. Oakland, CA.

Nov. 2007     ARPA Investigations and Law Enforcement
3-day training, Archeological Resource Investigations, Crescent City, CA.

Aug. 2007     Aquatic Toxicology
Northwest Environmental Training Center
3-day training. Portland, OR.

Aug. 2006     National Association of Tribal Historic Preservation Officers
1-week conference on NEPA and NHPA.

April 2005    ARPA Investigations and Archeological Damage Assessments
1-week training, Archeological Resource Investigations, Bend, OR.

May 2004     Non-Invasive Archeological Site Stabilization Workshop
1-week workshop, National Park Service, Point Reyes National Seashore, CA.

Employment History:
7/2008- Present  Yurok Tribe, Klamath, CA (Environmental Program Director)
8/2007 - Present  Klamath River Early College of the Redwoods, Klamath, CA (Associate Faculty)
8/2006 - Present  College of the Redwoods, Del Norte Campus, CA (Associate Faculty)
7/2002 - 6/2003   National Science Foundation Fellowship OSU (G K-12 Science Teacher)
5/2003 - 6/2003   Deschutes National Forest, Crescent Ranger District, OR (Field Archeologist)
6/2002 - 10/2002  Deschutes National Forest, Crescent Ranger District, OR (Field Archeologist)
6/2001 - 11/2001  Deschutes National Forest, Crescent Ranger District, OR (Field Archeologist)
9/1997 - 6/2003   Oregon State University. (Graduate Teaching and Research Assistant)

Professional References:
Ralph Simon, Executive Director  
Yurok Tribe  
Klamath, CA

Dr. Courtland Smith, Environmental Sciences Graduate Program  
Oregon State University  
Corvallis, OR

Carol Matthews  
College of the Redwoods  
Del Norte Campus  
Crescent City, CA

(707) 465-2300  
(541) 737-4515  
(707) 482-1350
Ray Martell
YTEP
190 Klamath Blvd.
Klamath, CA, 95548
707-482-1822 x 216
707-954-0637 C
rmartell@yuroktribe.nsn.us

Experience:

Assistant Director: Pollution and Prevention Division YTEP
December 2008 to Present, Yurok Tribe, Klamath, CA.
- Coordinated and supervised remediation efforts, including groundwater sampling events at Requa, California, a formerly used defense site (FUDS).
- Maintain an inventory of Underground Storage Tanks (USTs) as well as other potential sources of contamination on the Yurok Indian Reservation.
- Coordinated cleanup efforts with multiple federal, state and local agencies for sites located within the reservation boundaries.
- Acquiring and maintaining several grants for such activities as solid waste and emergency response, FUDS remediation, solid waste management and illegal dumpsite cleanups.

Environmental Director / Economic Development Coordinator / Community Relations.
November 2001 to April 2008, Elk Valley Rancheria, Crescent City, CA.
- Assure that the Rancheria and all its entities comply with local, state and federal environmental laws. Comply with all applicable permitting for various projects. Assure that the Rancheria complies with NEPA regulations.
- Research, develop and implement Economic Development ventures within the Tribe and with outside sources: various investors, government agencies and other Tribes.
- Professionally and respectfully represent the Tribe in business and governmental relations both internally and externally. Act as a liaison between the Rancheria and various county, state and federal agencies.
- Develop and maintain relationships with public and private agencies and governments as related to Economic Development. Present potential Economic Development opportunities to the Tribal Council.
- Respond to inquires and develops grants, technical assistance and enforcement of oversight to the Tribal Council.
- Training and assistance as related to OSHA and safety standards as required by state and federal laws. This includes all of the tribally owned businesses and the Tribal Government. (Del Norte Golf Course, Hiouchi RV Resort, First Chance Liquors, Tsunami Lanes, Tsunami Sports Bar, Elk Valley Rock, Elk Valley Casino).
- Provide Economic Development support for all of the tribally owned businesses and the Tribal Government.
- In cooperation with the U.S. Fish and Wildlife Service, provide assistance with environmental monitoring of sensitive habitats and areas.

Environmental Microbiologist II.
April 1996 to September 2001, Southern Nevada Water Authority, Boulder City, NV
- Water quality monitoring of various sources of drinking and waste waters.
- EPA Certified Method 1623 for the detection of Giardia and Cryptosporidium in drinking water. Used various detection methods including: IFA, PCR, Cell Culture, Immunomagnetic Separation and media based methods. Developed a dual fluorochrome detection method for Giardia and Cryptosporidium detection.
- California and Nevada certified for the Detection of Bacterial Pathogens in Drinking Water.
Jr. Environmental Microbiologist.
- Water quality monitoring of various sources of drinking and waste waters.
- Used various analytical methods to detect the presence of Bacteria, Viruses, Fungi, and Protozoa including: Media based, Cell Culture, Performance based methods, IFA and PCR.
- Cell Culture techniques for the production of Monoclonal Antibodies.

Analytical Pharmaceutical Chemist.
September 1993 to August 1994, ALZA Corporation, Vacaville, CA.
- Pharmaceutical Drug Production Quality Assurance testing.
- Used various instrumentation including: HPLC, Spectrometry, Gas Chromatograph.

Education:
September 1988 to May 1993, Humboldt State University, Arcata, CA.
- Bachelor of Science (BS), Environmental Sciences with a Degree in Biology.

Other Experience:
- State of California Department of Pesticide Regulations Pesticide Applicators License (QAC).
- American Red Cross Adult CPR training.
Conex containers and trailers
Equipment and trailers
Lock Lot at Entrance looking east
Lock Lot at Entrance looking south
Inside the Maintenance shed
Weeping Oil Barrel
Experience:

Assistant Director: Pollution and Prevention Division YTEP
December 2008 to Present, Yurok Tribe, Klamath, CA.
  - Coordinated and supervised remediation efforts, including groundwater sampling events at Requa, California, a formerly used defense site (FUDS).
  - Maintain an inventory of Underground Storage Tanks (USTs) as well as other potential sources of contamination on the Yurok Indian Reservation.
  - Coordinated cleanup efforts with multiple federal, state and local agencies for sites located within the reservation boundaries.
  - Acquiring and maintaining several grants for such activities as solid waste and emergency response, FUDS remediation, solid waste management and illegal dumpsite cleanups.

Environmental Director / Economic Development Coordinator / Community Relations.
November 2001 to April 2008, Elk Valley Rancheria, Crescent City, CA.
  - Assure that the Rancheria and all its entities comply with local, state and federal environmental laws. Comply with all applicable permitting for various projects. Assure that the Rancheria complies with NEPA regulations.
  - Research, develop and implement Economic Development ventures within the Tribe and with outside sources: various investors, government agencies and other Tribes.
  - Professionally and respectfully represent the Tribe in business and governmental relations both internally and externally. Act as a liaison between the Rancheria and various county, state and federal agencies.
  - Develop and maintain relationships with public and private agencies and governments as related to Economic Development. Present potential Economic Development opportunities to the Tribal Council.
  - Respond to inquires and develops grants, technical assistance and enforcement of oversight to the Tribal Council.
  - Training and assistance as related to OSHA and safety standards as required by state and federal laws. This includes all of the tribally owned businesses and the Tribal Government. (Del Norte Golf Course, Hiouchi RV Resort, First Chance Liquors, Tsunami Lanes, Tsunami Sports Bar, Elk Valley Rock, Elk Valley Casino).
  - Provide Economic Development support for all of the tribally owned businesses and the Tribal Government.
  - In cooperation with the U.S. Fish and Wildlife Service, provide assistance with environmental monitoring of sensitive habitats and areas.

Environmental Microbiologist II.
April 1996 to September 2001, Southern Nevada Water Authority, Boulder City, NV
  - Water quality monitoring of various sources of drinking and waste waters.
  - EPA Certified Method 1623 for the detection of *Giardia* and *Cryptosporidium* in drinking water. Used various detection methods including: IFA, PCR, Cell Culture, Immunomagnetic Separation and media based methods. Developed a dual fluorochrome detection method for *Giardia* and *Cryptosporidium* detection.
  - California and Nevada certified for the Detection of Bacterial Pathogens in Drinking Water.
Jr. Environmental Microbiologist.
- Water quality monitoring of various sources of drinking and waste waters.
- Used various analytical methods to detect the presence of Bacteria, Viruses, Fungi, and Protozoa including: Media based, Cell Culture, Performance based methods, IFA and PCR.
- Cell Culture techniques for the production of Monoclonal Antibodies.

Analytical Pharmaceutical Chemist.
September 1993 to August 1994, ALZA Corporation, Vacaville, CA.
- Pharmaceutical Drug Production Quality Assurance testing.
- Used various instrumentation including: HPLC, Spectrometry, Gas Chromatograph.

Education:
September 1988 to May 1993, Humboldt State University, Arcata, CA.
- Bachelor of Science (BS), Environmental Sciences with a Degree in Biology.

Other Experience:
- State of California Department of Pesticide Regulations Pesticide Applicators License (QAC).
- American Red Cross Adult CPR training.
Kathleen M. Sloan, Ph.D.
PO Box 7244
Brookings, OR 97415
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Email: ksloan@yuroktribe.nsn.us (work)

Qualifications & Experience:

- Director, Yurok Tribe Environmental Program
- Program administration and management for EPA funded programs
- Secretary of Interior Standards qualified Archeologist
- NEPA and CEQA review & compliance
- NHPA Determinations of Eligibility and National Register nominations

Education:

Ph.D. 2007 Oregon State University
Major: Environmental Sciences
Minors: Cultural Resources Management and Native American Studies

M.A.I.S. 2003 Oregon State University
Major: Anthropology (Cultural Resources Management/Archeology)
Minors: Native American Studies and Native American Art History

B.A. 1990 University of Notre Dame
Major: Design and Visual Arts
Minor: Art History

Graduate Coursework Completed:

Environmental Sciences:


Anthropology:


Native American Studies:

**Professional Experience:**


**June 2003 - July 2008.** Supervisory Archeologist/Assistant Director, Cultural Resources Division, Yurok Tribe Environmental Program. PI for cultural resources projects including: Field surveys and investigations, Section 106/NHPA/NEPA/CEQA reviews, contract CRM, and ethnographic studies for the Yurok Tribe.

**May - June 2003.** Field Archeologist GS-9, USDA Forest Service, Crescent Ranger District, Deschutes National Forest, Oregon. Field archeologist. Supervised and completed cultural resource inventory surveys, sub-surface testing, mapping of cultural sites, soil analysis and profiles, site documentation and recording.

**June - October 2002.** Field Archeologist GS-9, USDA Forest Service, Crescent Ranger District, Deschutes National Forest, Oregon.

**June - October 2001.** Field Archeologist GS-9, USDA Forest Service, Crescent Ranger District, Deschutes National Forest, Oregon. Seasonal archeological field crew leader.

**May - September 2000.** Cultural Resource Intern, Confederated Tribes of the Umatilla Indian Reservation, Cultural Resource Protection Program.

**June - November 1998.** Archeologist. Co-PI and field crew leader for an NHPA historic properties study of WWII era military training camp.

**September 1997 - June 1999.** Field Technician. OSU Center for the Study of the First Americans. Research assistant and field crew member on a variety of archeological field projects.

**June - August 1997.** Archeological Field School with OSU Department of Anthropology. 8 week training in archeological field methods, survey, excavation, mapping, lab analysis and curation of diagnostic artifacts.

**Professional Teaching Experience:**


**Fall 2007, Spring 2008.** Associate Faculty. Klamath River Early College of the Redwoods, Klamath, CA. Introduction to Native American Studies, Environmental Sciences 10.


**Fall 1999, Fall 2000, Fall 2001.** Graduate Teaching Assistant. Oregon State University, Department of Art. Dr. Barbara Loeb: Indigenous Art of the Americas.

**Winter 1998, Spring 1998, Fall 1998** Graduate Teaching Assistant. Oregon State University, Department of Anthropology, Dr. MacMurray: Cultures in Conflict, Comparative Cultures, Family, Gender and Generation.
**Specialized Professional Trainings:**

**July 2008**  
ARC GIS 9.2 and Environmental Applications  
Northwest Environmental Training Center  
3-day training. Oakland, CA.

**Nov. 2007**  
ARPA Investigations and Law Enforcement  
3-day training, Archeological Resource Investigations, Crescent City, CA.

**Aug. 2007**  
Aquatic Toxicology  
Northwest Environmental Training Center  
3-day training. Portland, OR.

**Aug. 2006**  
National Association of Tribal Historic Preservation Officers  
1-week conference on NEPA and NHPA.

**April 2005**  
ARPA Investigations and Archeological Damage Assessments  
1-week training, Archeological Resource Investigations, Bend, OR.

**May 2004**  
Non-Invasive Archeological Site Stabilization Workshop  
1-week workshop, National Park Service, Point Reyes National Seashore, CA.

**Employment History:**

7/2008- Present  
Yurok Tribe, Klamath, CA (Environmental Program Director)

8/2007 - Present  
Klamath River Early College of the Redwoods, Klamath, CA (Associate Faculty)

8/2006 - Present  
College of the Redwoods, Del Norte Campus, CA (Associate Faculty)

Yurok Tribe, Klamath, CA (Assistant Director, Contract Archeologist)

7/2002 - 6/2003  
National Science Foundation Fellowship OSU (K-12 Science Teacher)

Deschutes National Forest, Crescent Ranger District, OR (Field Archeologist)

6/2002 - 10/2002  
Deschutes National Forest, Crescent Ranger District, OR (Field Archeologist)

Deschutes National Forest, Crescent Ranger District, OR (Field Archeologist)

Confederated Tribes of Umatilla, OR (Cultural Resources Intern)

9/1997 - 6/2003  
Oregon State University. (Graduate Teaching and Research Assistant)

1/1996 - 1/1997  
North American Mortgage Co. Lebanon, OR (Mortgage Loan Processor)

Madison Oyster Bar. South Bend, IN. (Supervisor/Customer Service/Dining)

Citizen's Action Coalition. South Bend, IN. (Canvasser/Fundraiser)

Center Street Café. Mishawaka, IN. (Customer Service/Dining)

Standard Federal Savings Bank. South Bend, IN. (Supervisor/Banker)

**Professional References:**

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