

# 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 minims 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 know 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 29<sup>th</sup>, 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

A historic aerial photograph from Del Norte County, taken in 1962, shows the Subject Property with unimproved roads and a large circular tank that are not seen in later aerial photographs (EDR Historic Photographs Boat Yard: 1964, 1974, 1983, 1993, 1998, 2005).

### 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 13<sup>th</sup>, 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 13<sup>th</sup>, 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 24<sup>th</sup>, 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 29<sup>th</sup>, 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 24<sup>th</sup>, 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 29<sup>th</sup>, 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 24<sup>th</sup>, 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 29<sup>th</sup>, 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

ASTM, 2005. E 1527-05 Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process.

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

# **FIGURES**

### APPENDIX A

EDR ENVIRONMENTAL LIEN SEARCH RESULTS

### APPENDIX B

**ENVIRONMENTAL QUESTIONNAIRES** 

# APPENDIX C

EDR RADIUS MAP REPORT

### APPENDIX D

EDR AND OTHER HISTORICAL AERIAL PHOTOGRAPHS

# APPENDIX E

HISTORIC TOPOGRAPHIC MAPS

# APPENDIX F

SANBORN FIRE INSURANCE MAPS NO COVERAGE SEARCH DOCUMENTATION

### APPENDIX G

EDR CITY DIRECTORY ABSTRACT

# APPENDIX H

SITE PHOTOGRAPHS

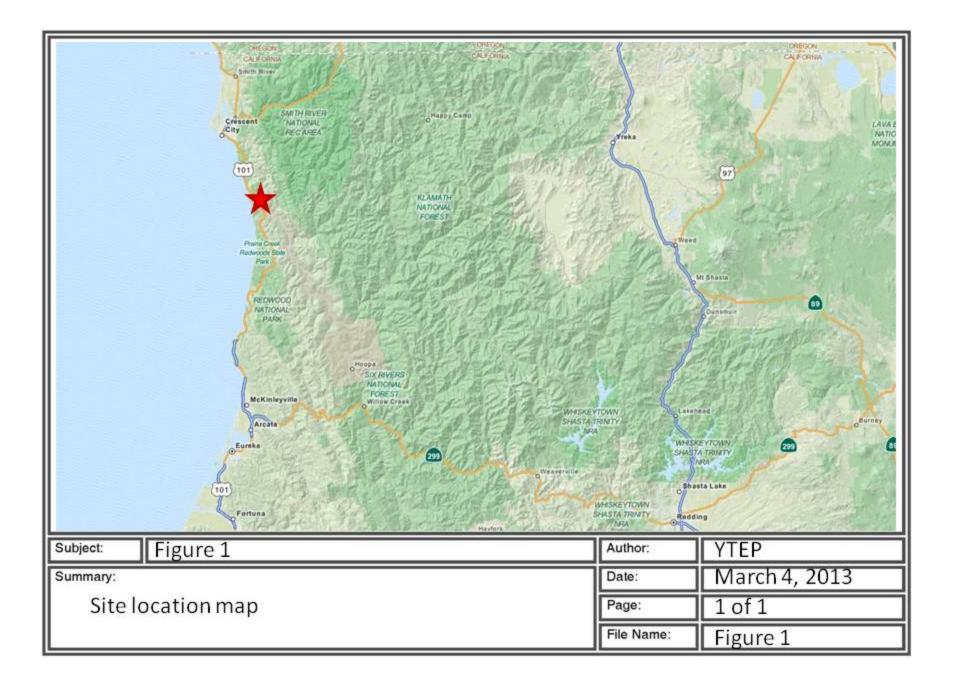
# APPENDIX I

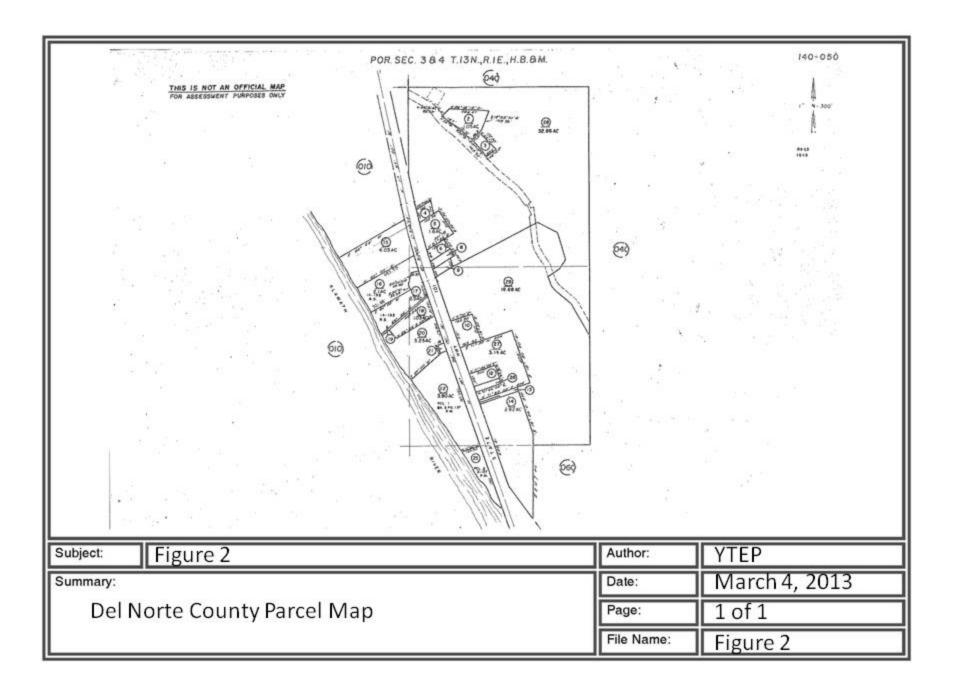
CALTRANS FILE OF THE KLAMATH MAINTENANCE STATION

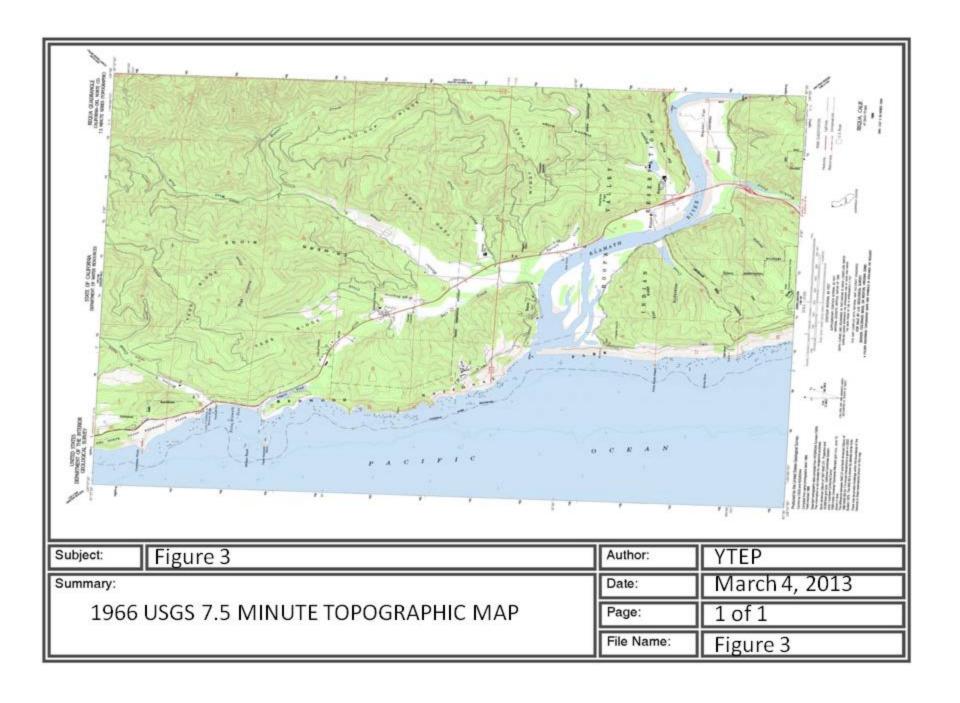
DEL NORTE COUNTY FILES OF THE KLAMATH MAINTENANCE STATION

### APPENDIX J

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS







Boat Yard 17620 Highway 101 Klamath, CA 95548

Inquiry Number: 3301142.8S

April 18, 2012

# The EDR Environmental LienSearch™ Report



## **EDR Environmental LienSearch™ Report**

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

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

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

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

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## EDR Environmental LienSearch™ Report

## 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: If found:	Found	Not Found 🛚
1 <sup>st</sup> Party:		
2 <sup>nd</sup> Party:		
Dated:		
Recorded:		
Book:		
Page:		
Docket:		
Volume:		
Instrument:		
Comments:		
Miscellaneous:		

# EDR Environmental LienSearch™ Report

## OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's:	Found	Not Found
f found:		
1 <sup>st</sup> Party:		
2 <sup>nd</sup> Party:		
Dated:		
Recorded:		
Book:		
Page:		
Docket:		
Volume:		
Instrument:		
Comments:		
Miscellaneous:		

# Yurok Tribe Environmental Program: Environmental Questionnaire

User / Client: Date: MARCH 3 2013	
Name: EMERY MATTZ III	
Title: ENVIRONMENTAL PROTECTION	Speakist
Organization: YTE?	
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?	

What type of property transaction is this?
□ 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:
Are any services beyond the requirements of Practice E1527 (Phase I
ESA) required?
⊠ 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 CACIFORNIA CALTIAN	5
Who are the ease	
Who are the occupants of the property?	
YUROK TRIBE	
Yes	
⊠No	
re you aware of any AULs, such as engineering cont	rols, land use
re you aware of any AULs, such as engineering cont	rols, land use e at the site and/or
re you aware of any AULs, such as engineering cont	rols, land use e at the site and/or
re you aware of any AULs, such as engineering cont estrictions or institutional controls that are in place ave been filed or recorded in a registry?	rols, land use e at the site and/or
re you aware of any AULs, such as engineering contestrictions or institutional controls that are in place ave been filed or recorded in a registry?	rols, land use e at the site and/or

	you have any specialized knowledge or
□ Yes	property or nearby properties?
⊠No	
If yes, describe:	
<u> </u>	
the fair market value of th	peing paid for this property reasonably reflect ne property? If not, have you considered nce is due to contamination?
□No	
Additional Information:	
Do you know the past use	of this property?
∀es	
□No	
If yes, describe:	
Caltrans storas	e YARD
A	

Do you know of spe	ecific chemica	ls that are p	resent or	once were pi	resent
at the property?					
<b>⊠</b> Yes	*				
□ No					
If yes, describe:					
GASOLINE, I	Diesel,	MOTER	oil,	HYDRAL	Lic
FLUID	,				
# H	0				
2					
Do you know of any	spills of othe	er chemical	releases th	at have take	en
place at the proper	ty?				
☐ Yes					
DN0					
If yes, describe:					
a <del></del>					
Do you know of any	v environmen	tal clean un	s that have	e taken place	at the
property?					
☐ Yes					
DNo.					
If yes, describe:					
( <del></del>					

to the prope	rty, are there ar	ny indicators that pe	e and experience related oint to the likely presence
□No			
If yes, describe:			
FORMER	Caltians	YARD	

# Yurok Tribe Environmental Program: ESA Document Request

Jser / Client:		
Date: MARCH 3 7013		
Name: EMERY MATTE III		
Title: Environmental Proto	3(4)00 005	- 1
Organization: YTEP	Speci	CIPCIST
Site: Property: Lock Lut		
tatus:		
☐ Client / Owner		
☐ Site manager		
Occupant		
☑ Government Official		
Other: explain		
Other: explainease indicate if you have any docume dicate if copies can be provided or re	asonable access f	or review.
ease indicate if you have any docume dicate if copies can be provided or re	ents listed below. asonable access f	If yes, please or review.
ease indicate if you have any docume dicate if copies can be provided or re	asonable access f	or review.
ease indicate if you have any docume dicate if copies can be provided or re vironmental Site Assessment Report	asonable access f	or review.
ease indicate if you have any docume dicate if copies can be provided or re	asonable access f	or review.
ease indicate if you have any docume	asonable access f	or review.
ease indicate if you have any docume dicate if copies can be provided or revironmental Site Assessment Report vironmental Compliance Audit Report	asonable access f	or review.

	Available	Provided
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.	> <del></del> 0	
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	<u> </u>	-
Risk assessments		
Recorded activity and use limitations (AUL)	-	
Are you aware of any nending threatened	l or nast litigat	ion relevant to
hazardous substances or petroleum prod		
hazardous substances or petroleum prod property?		

		-
During what t	me period were you the owner of the property?	
What type of b	usiness did you have at the property?	
Do you know t ⊠ Yes	ne past uses of the property?	
□ No		
f yes, describe:		
Caltrains	STERABE YAKI)	
Oo you know th ☑ Yes	e specific chemicals that are present at the propert	y?
□No		
yes, describe:		
who sil	Hypearlic Fluir, Gasdine, Diesel,	

the property?	or other ch	emical releas	ses that have t	aken place a
Yes				
₩No				
If yes, describe:				
Do you know of any o	nvironmon	tal cleanunc t	hat have take	n nlace at the
Do you know of any e property?	invii oiimen	tai cieanups t	nat nave take	n piace at the
☐ Yes				
No				
If yes, describe:				
			-	
Do you have any other		7		operty that
may be pertinent to t	ne environi	nentai proies	sionai?	
₩ No				
If yes, describe:		Q 11	2	
Small oil s	pill by	Collectia	Vessel	
			V COMPANY	

DHASE I ESA PUBLIC HEARING
SISM IN Sheet. 5/20/12
CATSIZV, RNERSIDE RV, REQUARESONT, CALTERNS YE

Xlame

Contact info:

Donavan Gensaw

Bill Sanderson

John Wolfe

Down Works

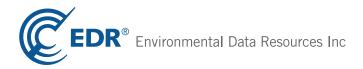
SIANE BOWERS

Boat Yard 17620 Highway 101 Klamath, CA 95548

Inquiry Number: 3301142.2s

April 11, 2012

# The EDR Radius Map™ Report with GeoCheck®



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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## 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

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.... 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-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

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

SCH.....School Property Evaluation Program

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

HMIRS..... Hazardous Materials Information Reporting System

CHMIRS..... California Hazardous Material Incident Report System

LDS...... Land Disposal Sites Listing MCS...... Military Cleanup Sites Listing

## Other Ascertainable Records

RCRA-NonGen\_\_\_\_\_\_RCRA - Non Generators
DOT OPS\_\_\_\_\_\_Incident and Accident Data
DOD\_\_\_\_\_\_\_Department of Defense Sites
FUDS\_\_\_\_\_\_Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

FINDS\_\_\_\_\_\_Facility Index System/Facility Registry System RAATS\_\_\_\_\_\_RCRA Administrative Action Tracking System

CA BOND EXP. PLAN...... Bond Expenditure Plan NPDES.......... NPDES Permits Listing WDS............ Waste Discharge System

Cortese "Cortese" Hazardous Waste & Substances Sites List

HIST CORTESE..... Hazardous Waste & Substance Site List

WIP..... Well Investigation Program Case List

ENF..... Enforcement Action Listing HAZNET..... Facility and Manifest Data EMI..... Emissions Inventory Data

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

COAL ASH DOE....... Sleam-Electric Plan Operation Data HWP...... EnviroStor Permitted Facilities Listing

HWT...... Registered Hazardous Waste Transporter Database

PROC...... Certified Processors Database
FINANCIAL ASSURANCE... Financial Assurance Information Listing

MWMP...... Medical Waste Management Program Listing

## **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.

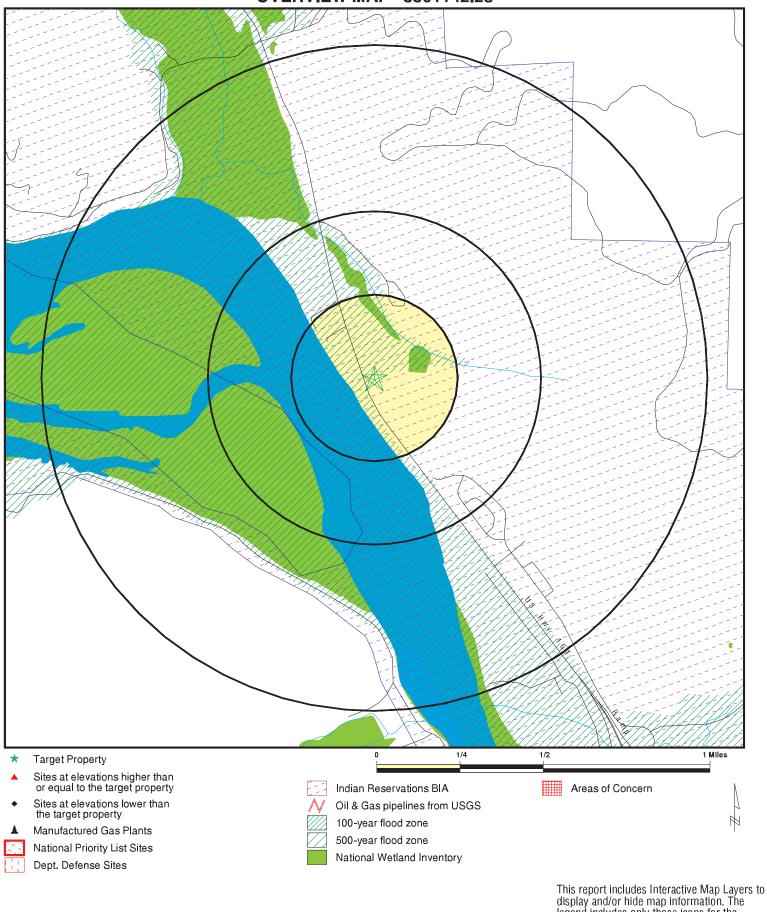
A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
YUROK INDIAN RESERVATION		0 - 1/8 (0.000 mi.)	0	7

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

Database(s) Site Name KLAMATH STP WDS, Cortese, ENF DON'S GAS HIST CORTESE **USAF REQUA STATION** HIST CORTESE **KLAMATH STP** HIST CORTESE TEXACO, KLAMATH HIST CORTESE, LUST DON'S GAS LUST, SWEEPS UST KLAMATH TEXACO STATION **SWEEPS UST** SWEEPS UST KLAMATH CENTRAL OFFICE KLAMATH MICROWAVE **SWEEPS UST** MARGARET KEATING SCHOOL **SWEEPS UST** CALIFORNIA DEPT OF FORESTRY & FIRE **SWEEPS UST** YUROK MERCURY SPILL **CERCLIS** CDOT KLAMATH YARD LUST LUST RIVERSIDE RV PARK KLAMATH SHELL GAS STATION UST GTE KLAMATH (Z-33) MICROWAVE WEST UST HIST UST ARROW MILLS SITE MARGARET KEATING SCHOOL HIST UST SIMPSON KLAMATH LOGGING HIST UST KLAMATH FFS HIST UST IDLEWILD MAINT. STAT.-CALTRANS **AST** ALDER CAMP AST MAINTENANCE FACILITY **AST RED MOUNTAIN LOOKOUT AST** WMUDS/SWAT ARROW MILLS-WWDS SIMPSON TIMBER COMPANY KLAMATH SWD SLIC SIMPSON TIMBER COMPANY - ARROW MIL SLIC **INDIAN UST** PEM-MEY OLD TOWN UST **INDIAN UST** REQUA AFS/FAA **INDIAN LUST** SIMPSON LUMBER COMPANY **ENVIROSTOR** "U. S. AIR FORCE, REQUA STATION" **ENVIROSTOR** 

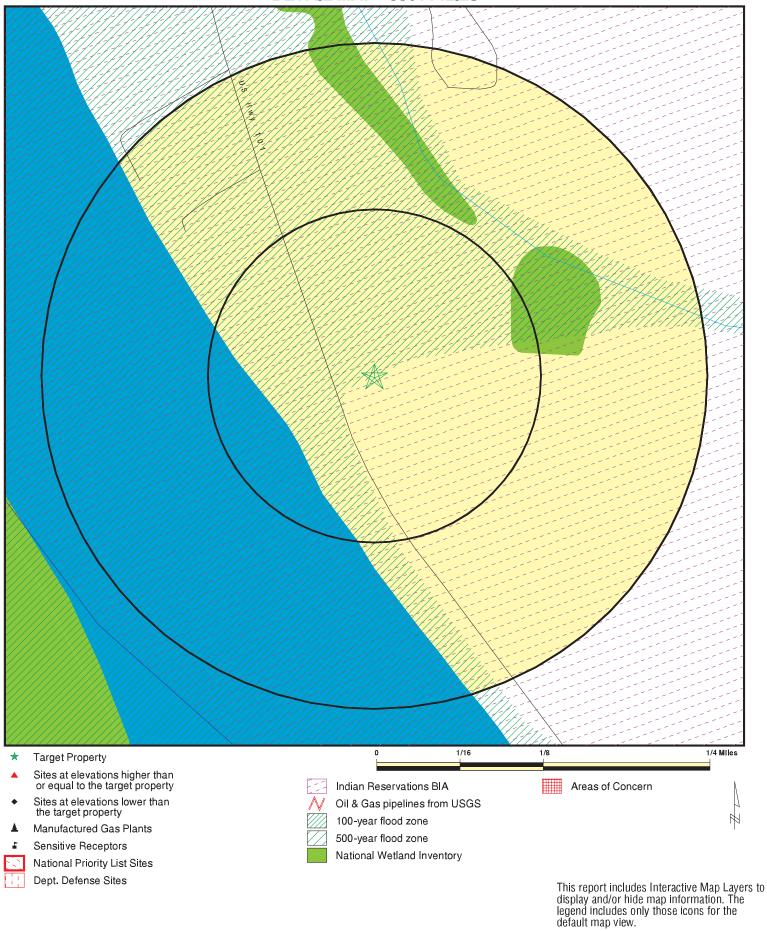
## **OVERVIEW MAP - 3301142.2s**



display and/or hide map information. The legend includes only those icons for the default map view.

CLIENT: CONTACT: SITE NAME: Boat Yard Yurok Tribe 17620 Highway 101 Klamath CA 95548 ADDRESS: Ray Martell INQUIRY#: 3301142.2s LAT/LONG: April 11, 2012 6:07 pm 41 5395 / 124 0487 DATE:

## **DETAIL MAP - 3301142.2s**



SITE NAME: Boat Yard

17620 Highway 101 Klamath ČA 95548

41 5395 / 124 0487

ADDRESS:

LAT/LONG:

INQUIRY#: 3301142.2s DATE: April 11, 2012 6:08 pm

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CLIENT: Yurok Tribe CONTACT: Ray Martell

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 1.000		0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities lis	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	alent CERCLIS							
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank li	sts						
LUST SLIC	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registere	d storage tan	k lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
State and tribal voluntary	cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONMENT	TAL RECORDS	<u>3</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
DEBRIS REGION 9 ODI WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste/							
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	TP 1.000 0.250 1.000 TP TP		NR 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 NR 0 NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered	Storage Tan	ks						
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2 LUCIS LIENS DEED	TP 0.500 TP 0.500		NR 0 NR 0	NR 0 NR 0	NR 0 NR 0	NR NR NR NR	NR NR NR NR	0 0 0
Records of Emergency Release Reports								
HMIRS CHMIRS LDS	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>&gt; 1</u>	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Reco	ords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS	0.250 TP 1.000 1.000 1.000 0.500 0.250 TP TP TP TP TP TP		0 NR 0 0 0 0 0 NR NR NR NR NR	0 NR 0 0 0 0 0 NR NR NR NR NR	NR NR 0 0 0 0 NR NR NR NR NR NR NR	NR NR 0 0 0 NR NR NR NR NR NR NR NR	NR N	0 0 0 0 0 0 0 0
PADS MLTS RADINFO FINDS RAATS CA BOND EXP. PLAN NPDES WDS	TP TP TP TP TP 1.000 TP TP		NR NR NR NR NR O NR	NR NR NR NR NR O NR	NR NR NR NR NR O NR	NR NR NR NR NR O NR	NR NR NR NR NR NR NR	0 0 0 0 0 0
Cortese HIST CORTESE Notify 65 DRYCLEANERS WIP ENF HAZNET EMI INDIAN RESERV	0.500 0.500 1.000 0.250 0.250 TP TP TP TP 1.000		0 0 0 0 NR NR NR	0 0 0 0 NR NR NR 0	0 0 NR NR NR NR NR 0	NR NR O NR NR NR NR NR O	NR NR NR NR NR NR NR	0 0 0 0 0 0
SCRD DRYCLEANERS PCB TRANSFORMER COAL ASH EPA COAL ASH DOE HWP HWT PROC FINANCIAL ASSURANCE MWMP	0.500 TP 0.500 TP 1.000 0.250 0.500 TP 0.250		0 NR 0 NR 0 0 0 NR 0	0 NR 0 NR 0 0 0 NR 0	NR O NR O NR O NR O NR	NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR	0 0 0 0 0 0
EDR PROPRIETARY RECOR	DS							
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction MAP FINDINGS

Distance

**EDR ID Number** Elevation Site **EPA ID Number** Database(s)

**IND RES** YUROK INDIAN RESERVATION Region

INDIAN RESERV CIND100241 N/A

YUROK INDIAN RESERVATION (County), CA

< 1/8 1 ft.

INDIAN RESERV:

Indian Reservation Feature: Name: Yurok Indian Reservation

Agency: BIA State: CA

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GASQUET	A100176263	IDLEWILD MAINT. STATCALTRANS	15600 HWY. 199	95548	AST
KALMATH	S105024307	DON'S GAS	15880 101	95548	HIST CORTESE
KALMATH	S105024306	USAF REQUA STATION	PJ MURPHY MEM DR	95548	HIST CORTESE
KALMATH	S105024304	KLAMATH STP	NEW KLAMATH TOWNSITE	95548	HIST CORTESE
KLAMATH	S102426457	CDOT KLAMATH YARD	711 HWY 101	95548	LUST
KLAMATH	S104857253	RIVERSIDE RV PARK	HIGHWAY 101 17505		LUST
KLAMATH	S105181008	SIMPSON TIMBER COMPANY KLAMATH SWD	HIGHWAY 101	0	SLIC
KLAMATH	S104163410	DON'S GAS	15880 HWY 101 S	95548	LUST, SWEEPS UST
KLAMATH	S101479993	SIMPSON LUMBER COMPANY	HWY 101 & ROUTE169	95548	ENVIROSTOR
KLAMATH	A100340056	ALDER CAMP	1400 ALDER CAMP ROAD	95548	AST
KLAMATH	U001611971	ARROW MILLS SITE	#1 ARROW MILLS ROAD	95548	HIST UST
KLAMATH	S106928237	KLAMATH TEXACO STATION	PO BOX 417	95548	SWEEPS UST
KLAMATH	1009393263	PEM-MEY	125 EHLERS ROAD	95548	INDIAN UST
KLAMATH	S106928235	KLAMATH CENTRAL OFFICE	16046 S HIGHWAY 101	95548	SWEEPS UST
KLAMATH	S110326387	"U. S. AIR FORCE, REQUA STATION"	P J MURPHY MEMORIAL DRIVE OFF	95548	ENVIROSTOR
KLAMATH	S106928236	KLAMATH MICROWAVE	KLAMATH AFB	95548	SWEEPS UST
KLAMATH	U003778638	KLAMATH SHELL GAS STATION	299 KLAMATH GLEN RD	95548	UST
KLAMATH	S106929066	MARGARET KEATING SCHOOL	MINOT CREEK RD	95548	SWEEPS UST
KLAMATH	U001611979	MARGARET KEATING SCHOOL	MINOT CREEK RD.	95548	HIST UST
KLAMATH	A100338464	MAINTENANCE FACILITY	1409 P.J. MURPHY DRIVE	95548	AST
KLAMATH	S102002882	KLAMATH STP	NEW KLAMATH TOWNSITE	95548	WDS, Cortese, ENF
KLAMATH	A100338043	RED MOUNTAIN LOOKOUT	RED MOUNTAIN LOOKOUT	95548	AST
KLAMATH	U004048944	GTE KLAMATH (Z-33) MICROWAVE WEST	REDWOOD NATIONAL PARK		UST
KLAMATH	U001611982	SIMPSON KLAMATH LOGGING	#1 SAWMILL ROAD	95548	HIST UST
KLAMATH	S105024310	TEXACO, KLAMATH	299 STATE 169	95548	HIST CORTESE, LUST
KLAMATH	S106923842	CALIFORNIA DEPT OF FORESTRY & FIRE	TERWER VALLEY RD	95548	SWEEPS UST
KLAMATH	S105180609	SIMPSON TIMBER COMPANY - ARROW MIL	TERWER ROAD	0	SLIC
KLAMATH	U001611976	KLAMATH FFS	TERWER VALLEY ROAD	95548	HIST UST
KLAMATH	1011869666	OLD TOWN UST	UNAVAILABLE	95548	INDIAN UST
KLAMATH	1012125272	REQUA AFS/FAA	XXX	95548	INDIAN LUST
KLAMATH	S103442773	ARROW MILLS-WWDS	TERWER ROAD	95548	WMUDS/SWAT
WEITCHPEC	1009908228	YUROK MERCURY SPILL	END OF WEITCHPEC SCHOOL ROAD	95548	CERCLIS

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

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/07/2011 Source: EPA
Date Data Arrived at EDR: 10/12/2011 Telephone: N/A

Number of Days to Update: 141 Next Scheduled EDR Contact: 07/23/2012
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

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

Number of Days to Update: 141 Next Scheduled EDR Contact: 07/23/2012
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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

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

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Source: EPA

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

Telephone: N/A Last EDR Contact: 04/05/2012

Novt Schoduled EDP Contact: (

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.

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

Date of Government Version: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 02/13/2012

Next Scheduled EDR Contact: 05/28/2012 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/10/2011 Date Data Arrived at EDR: 01/05/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/04/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011 Date Data Arrived at EDR: 01/05/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/04/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/10/2011 Date Data Arrived at EDR: 01/05/2012 Date Made Active in Reports: 03/12/2012 Number of Days to Update: 67

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 04/04/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/10/2011 Date Data Arrived at EDR: 01/05/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/04/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Varies

#### 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 Date Data Arrived at EDR: 12/30/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 11

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 Date Data Arrived at EDR: 12/30/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 11

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 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

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 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

#### 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 identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 03/14/2012 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

#### State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/20/2012 Date Data Arrived at EDR: 02/20/2012 Date Made Active in Reports: 03/29/2012

Number of Days to Update: 38

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 02/20/2012

Next Scheduled EDR Contact: 06/04/2012 Data Release Frequency: Quarterly

### 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.

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

#### LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 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: see region list Last EDR Contact: 03/21/2012

Next Scheduled EDR Contact: 07/02/2012 Data Release Frequency: Quarterly

### LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001 Date Data Arrived at EDR: 04/23/2001 Date Made Active in Reports: 05/21/2001

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

### LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004 Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

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

#### LUST REG 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

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

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: 404-562-8677 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/07/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 7

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/03/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Varies

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

Date of Government Version: 11/01/2011 Date Data Arrived at EDR: 11/21/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 50

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 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: 303-312-6271 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Quarterly

#### State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/20/2012 Date Data Arrived at EDR: 01/20/2012 Date Made Active in Reports: 02/22/2012

Number of Days to Update: 33

Source: SWRCB

Telephone: 916-480-1028 Last EDR Contact: 03/21/2012

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 Date Data Arrived at EDR: 09/10/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-341-5712 Last EDR Contact: 01/23/2012

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 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/03/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Source:

Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 7

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/30/2012

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 Date Data Arrived at EDR: 11/21/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 50

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/30/2012

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: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 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: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 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

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/03/2012

Next Scheduled EDR Contact: 07/16/2012

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 Date Data Arrived at EDR: 06/27/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 04/03/2012

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 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 03/26/2012

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.

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 02/13/2012

Next Scheduled EDR Contact: 05/28/2012 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

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

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

Date of Government Version: 01/20/2012 Date Data Arrived at EDR: 01/24/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 28

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 04/02/2012

Next Scheduled EDR Contact: 06/04/2012 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 02/06/2012

Next Scheduled EDR Contact: 05/21/2012 Data Release Frequency: Varies

#### Local Lists of Hazardous waste / Contaminated Sites

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011 Date Data Arrived at EDR: 12/09/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 32

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/06/2012

Next Scheduled EDR Contact: 06/18/2012 Data Release Frequency: Quarterly

#### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

#### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/14/2012 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 Report System

California Hazardous Material Incident Reporting 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 Qualilty 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 Date Data Arrived at EDR: 01/05/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/04/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 08/09/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 02/07/2012

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 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS Telephone: 888-275-8747 Last EDR Contact: 01/20/2012

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 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 03/12/2012

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 Date Data Arrived at EDR: 01/25/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/02/2012

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 Date Data Arrived at EDR: 12/14/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 27

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/14/2012

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 Last EDR Contact: 02/28/2012

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 Last EDR Contact: 03/07/2012

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 Last EDR Contact: 02/28/2012

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 Last EDR Contact: 03/28/2012

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 Last EDR Contact: 02/27/2012

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 Last EDR Contact: 02/27/2012

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 INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

#### 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

#### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 03/12/2012

Next Scheduled EDR Contact: 06/25/2012 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012 Date Data Arrived at EDR: 01/12/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 49

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/10/2012

Next Scheduled EDR Contact: 07/23/2012 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 03/13/2012

Next Scheduled EDR Contact: 06/25/2012 Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/27/2012

Next Scheduled EDR Contact: 06/11/2012 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of

Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/20/2012 Date Data Arrived at EDR: 02/20/2012 Date Made Active in Reports: 03/29/2012

Number of Days to Update: 38

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 02/20/2012

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 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 02/27/2012

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 Date Data Arrived at EDR: 01/03/2012 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 16

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 04/03/2012

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 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 03/26/2012

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 Date Data Arrived at EDR: 01/19/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 33

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 03/12/2012

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 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 04/02/2012

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 Date Data Arrived at EDR: 08/23/2011 Date Made Active in Reports: 10/03/2011

Number of Days to Update: 41

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 02/20/2012

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 Date Data Arrived at EDR: 07/19/2011 Date Made Active in Reports: 08/16/2011

Number of Days to Update: 28

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 01/20/2012

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 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 03/30/2012

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 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 01/20/2012

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

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 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: Sleam-Electric Plan 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.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### **COUNTY RECORDS**

#### ALAMEDA COUNTY:

#### Contaminated Sites

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

Date of Government Version: 01/12/2012 Date Data Arrived at EDR: 01/13/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 39

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/02/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/12/2012 Date Data Arrived at EDR: 01/13/2012 Date Made Active in Reports: 02/24/2012

Number of Days to Update: 42

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/02/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Semi-Annually

#### CONTRA COSTA COUNTY:

### Site List

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

Date of Government Version: 11/28/2011 Date Data Arrived at EDR: 11/29/2011 Date Made Active in Reports: 12/13/2011

Number of Days to Update: 14

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 02/07/2012

Next Scheduled EDR Contact: 05/21/2012 Data Release Frequency: Semi-Annually

#### KERN COUNTY:

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

> Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 03/16/2012

Next Scheduled EDR Contact: 05/28/2012 Data Release Frequency: Quarterly

#### LOS ANGELES COUNTY:

#### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 03/26/2012

Next Scheduled EDR Contact: 07/09/2012 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/29/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 35

Source: Department of Public Works Telephone: 626-458-3517 Last EDR Contact: 04/10/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/23/2012 Date Data Arrived at EDR: 01/24/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 28

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 01/24/2012

Next Scheduled EDR Contact: 05/07/2012 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 11/17/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011 Date Data Arrived at EDR: 02/02/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 19

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 01/23/2012

Next Scheduled EDR Contact: 05/07/2012 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/23/2012 Date Data Arrived at EDR: 01/25/2012 Date Made Active in Reports: 02/22/2012

Number of Days to Update: 28

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 01/23/2012

Next Scheduled EDR Contact: 04/06/2012 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department Telephone: 562-570-2563

Last EDR Contact: 03/05/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/16/2012 Date Data Arrived at EDR: 01/18/2012 Date Made Active in Reports: 02/22/2012

Number of Days to Update: 35

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 04/10/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Semi-Annually

#### MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/13/2012 Date Data Arrived at EDR: 01/24/2012 Date Made Active in Reports: 02/22/2012

Number of Days to Update: 29

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 04/09/2012

Next Scheduled EDR Contact: 07/23/2012 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 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 03/05/2012

Next Scheduled EDR Contact: 06/18/2012 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 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 06/18/2012 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 Date Data Arrived at EDR: 02/17/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 4

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 02/13/2012

Next Scheduled EDR Contact: 05/28/2012 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/2012 Date Data Arrived at EDR: 02/17/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 4

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

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 Date Data Arrived at EDR: 03/01/2012 Date Made Active in Reports: 03/27/2012

Number of Days to Update: 26

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 02/13/2012

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 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 02/13/2012

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 Date Data Arrived at EDR: 01/18/2012 Date Made Active in Reports: 02/22/2012

Number of Days to Update: 35

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 03/26/2012

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 Date Data Arrived at EDR: 01/17/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/19/2012

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 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/19/2012

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 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/05/2012 Date Data Arrived at EDR: 03/07/2012 Date Made Active in Reports: 03/27/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 03/05/2012

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 Date Data Arrived at EDR: 02/17/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 4

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 02/13/2012

Next Scheduled EDR Contact: 05/28/2012 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 Date Data Arrived at EDR: 01/06/2012 Date Made Active in Reports: 01/27/2012

Number of Days to Update: 21

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/19/2012

Next Scheduled EDR Contact: 07/02/2012 Data Release Frequency: Quarterly

#### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 12/19/2011 Date Data Arrived at EDR: 01/17/2012 Date Made Active in Reports: 02/24/2012

Number of Days to Update: 38

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/19/2012

Next Scheduled EDR Contact: 07/02/2012 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 Date Data Arrived at EDR: 04/06/2011 Date Made Active in Reports: 05/12/2011

Number of Days to Update: 36

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 04/02/2012

Next Scheduled EDR Contact: 07/16/2012 Data Release Frequency: Quarterly

## SUTTER COUNTY:

## **Underground Storage Tanks**

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/12/2012 Date Data Arrived at EDR: 03/13/2012 Date Made Active in Reports: 04/03/2012

Number of Days to Update: 21

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 03/12/2012

Next Scheduled EDR Contact: 06/25/2012 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.

Date of Government Version: 02/03/2012 Date Data Arrived at EDR: 02/22/2012 Date Made Active in Reports: 03/29/2012

Number of Days to Update: 36

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 02/20/2012

Next Scheduled EDR Contact: 06/04/2012 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/09/2012

Next Scheduled EDR Contact: 07/23/2012 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 02/20/2012

Next Scheduled EDR Contact: 06/04/2012 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/27/2011 Date Data Arrived at EDR: 02/03/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 18

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 01/30/2012

Next Scheduled EDR Contact: 05/14/2012 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/19/2011 Date Made Active in Reports: 01/17/2012

Number of Days to Update: 29

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 03/21/2012

Next Scheduled EDR Contact: 07/02/2012 Data Release Frequency: Quarterly

#### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 01/06/2012

Date Made Active in Reports: 01/17/2012

Number of Days to Update: 11

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 03/26/2012

Next Scheduled EDR Contact: 07/09/2012 Data Release Frequency: Annually

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 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.

## STREET AND ADDRESS INFORMATION

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# **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

BOAT YARD 17620 HIGHWAY 101 KLAMATH, CA 95548

### **TARGET PROPERTY COORDINATES**

Latitude (North): 41.5395 - 41° 32' 22.20" Longitude (West): 124.0487 - 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**

Target Property Map: 41124-E1 REQUA, CA

Most Recent Revision: 1966

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

## **GROUNDWATER FLOW DIRECTION INFORMATION**

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

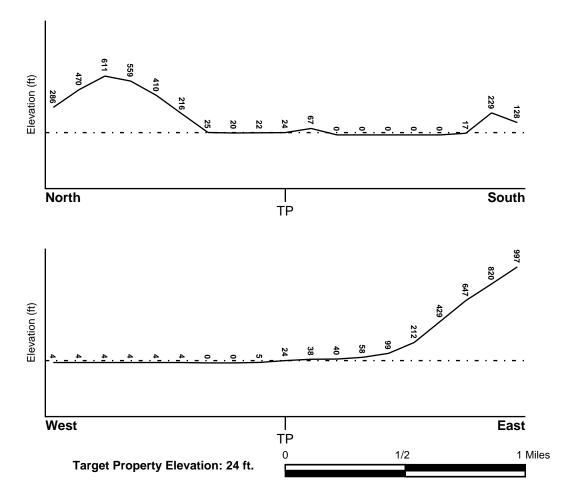
### **TOPOGRAPHIC INFORMATION**

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

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General 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.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County DEL NORTE, CA

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 Electronic

**NWI Quad at Target Property** 

Data Coverage

REQUA

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.

 LOCATION
 GENERAL DIRECTION

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Soil Surface Texture:

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Mesozoic Category: Eugeosynclinal Deposits

System: Cretaceous
Series: Upper Mesozoic

Code: uMze(decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: BIGRIVER

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

sandy loam

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

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

			Soil Layer	Information			
	Воц	ındary		Classif	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60
2	6 inches	63 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: 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 SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

## FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

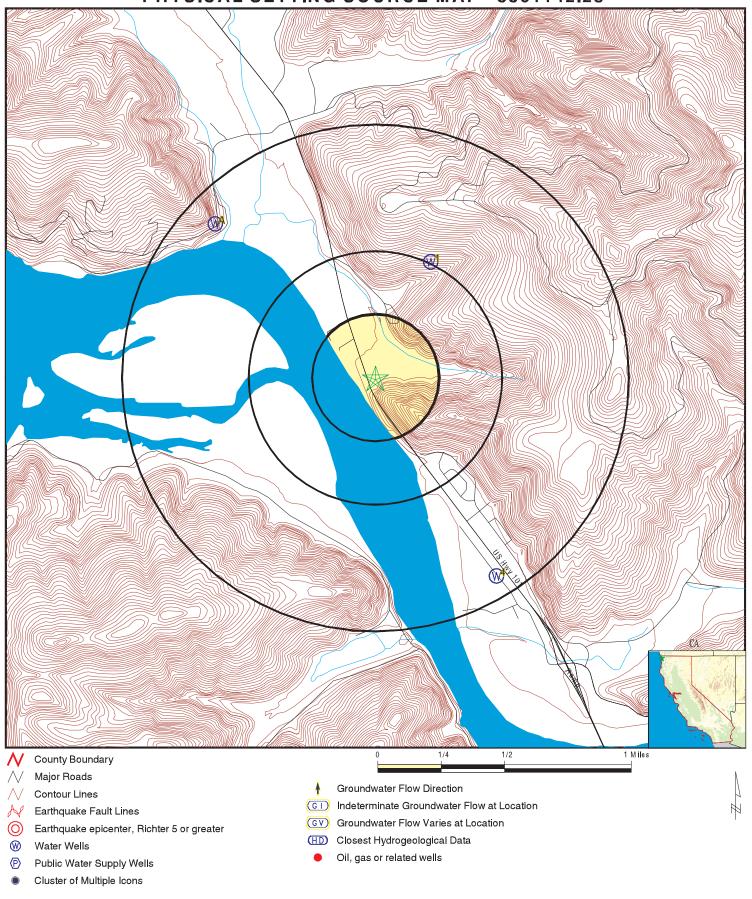
No PWS System Found

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

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADW40000042614	1/2 - 1 Mile NNE
A2	11196	1/2 - 1 Mile NW
A3	11197	1/2 - 1 Mile NW
4	11198	1/2 - 1 Mile SSE

## PHYSICAL SETTING SOURCE MAP - 3301142.2s



SITE NAME: Boat Yard ADDRESS: 17620 Highway 101 Klamath CA 95548

LAT/LONG: 41 5395 / 124 0487 CLIENT: Yurok Tribe CONTACT: Ray Martell INQUIRY#: 3301142.2s

DATE: April 11, 2012 6:08 pm

### **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

NNE **CA WELLS** CADW40000042614

1/2 - 1 Mile Higher

> Longitude: -124.0433 Latiude: 41.5463

Stwellno: 13N01E03M001H

Districtco: 5 Welluseco: Н Countyco: 8 100200 Gwcode:

CADW40000042614 Site id:

A2 NW **CA WELLS** 11196

1/2 - 1 Mile Higher

Water System Information:

ATT Prime Station Code: 13N/01E-04G01 H User ID: FRDS Number: 0800621001 County: Del Norte

District Number: 01 Station Type: WELL/AMBNT/MUN/INTAKE

Water Type: Well/Groundwater Well Status: Active Raw

Source Lat/Long: 413253.0 1240336.0 Precision: 1,000 Feet (10 Seconds)

Source Name: WELL 01 System Number: 0800621

System Name: Panther Creek RV Park

Organization That Operates System:

P.O. BOX 1086

Not Reported

CRESCENT CITY, CA 95531

Pop Served: Connections: 51

NW **CA WELLS** 11197 1/2 - 1 Mile

Higher

Area Served:

Water System Information:

Prime Station Code: 13N/01E-04G02 H User ID: ATT FRDS Number: 0800623001 County: Del Norte

WELL/AMBNT/MUN/INTAKE District Number: 01 Station Type:

Well/Groundwater Well Status: Water Type: Active Raw

Precision:

Source Lat/Long: Source Name: WELL 01 0800623 System Number:

System Name: Del's Camp Organization That Operates System:

300 REQUARD. KLAMATH, CA 95548

413256.0 1240334.0

Pop Served: 100 Connections: 52

Area Served: Not Reported 1,000 Feet (10 Seconds)

## **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

4 SSE CA WELLS 11198 1/2 - 1 Mile

Higher

Water System Information:

 Prime Station Code:
 13N/01E-04J01 H
 User ID:
 ATT

 FRDS Number:
 0800622001
 County:
 Del Norte

District Number: 01 Station Type: WELL/AMBNT/MUN/INTAKE

Water Type: Well/Groundwater Well Status: Active Raw

Source Lat/Long: 413142.0 1240218.0 Precision: 1,000 Feet (10 Seconds)

Source Name: WELL 01 System Number: 0800622

System Name: Chinook Water System

Organization That Operates System:

P.O. BOX F

KLAMATH, CA 95548

Pop Served: 200 Connections: 72

Area Served: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

#### AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
	<del></del>	
95548	2	0

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

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor -0.100 pCi/L 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Basement Not Reported Not Reported Not Reported

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of 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.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

#### STREET AND ADDRESS INFORMATION

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**Boat Yard** 

17620 Highway 101 Klamath, CA 95548

Inquiry Number: 3301142.5

April 12, 2012

# The EDR Aerial Photo Decade Package



## **EDR Aerial Photo Decade Package**

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

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## **Date EDR Searched Historical Sources:**

Aerial Photography April 12, 2012

## **Target Property:**

17620 Highway 101 Klamath, CA 95548

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	USGS
1974	Aerial Photograph. Scale: 1"=533'	Flight Year: 1974	NASA
1982	Aerial Photograph. Scale: 1"=335'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1998	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR













## **Boat Yard**

17620 Highway 101 Klamath, CA 95548

Inquiry Number: 3301142.4

April 12, 2012

# **EDR** Historical Topographic Map Report



## **EDR Historical Topographic Map Report**

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

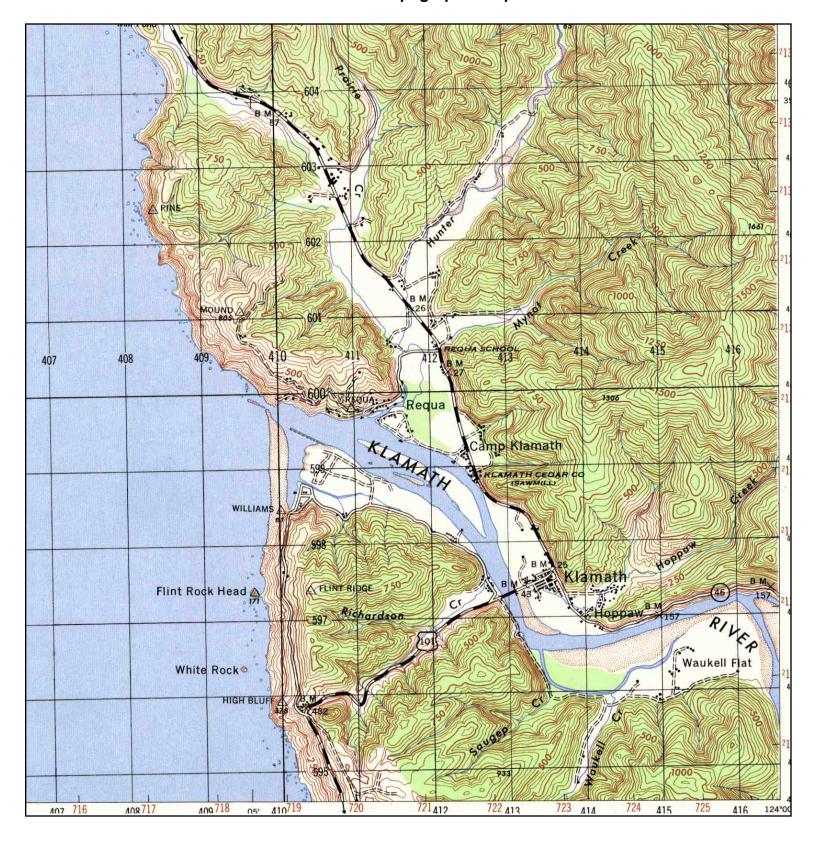
Thank you for your business.
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TARGET QUAD NAME: KLAMATH

MAP YEAR: 1947

SERIES: 15 SCALE: 1:50000 SITE NAME: Boat Yard

ADDRESS: 17620 Highway 101 Klamath, CA 95548

LAT/LONG: 41.5395 / -124.0487

CLIENT: Yurok Tribe CONTACT: Ray Martell INQUIRY#: 3301142.4





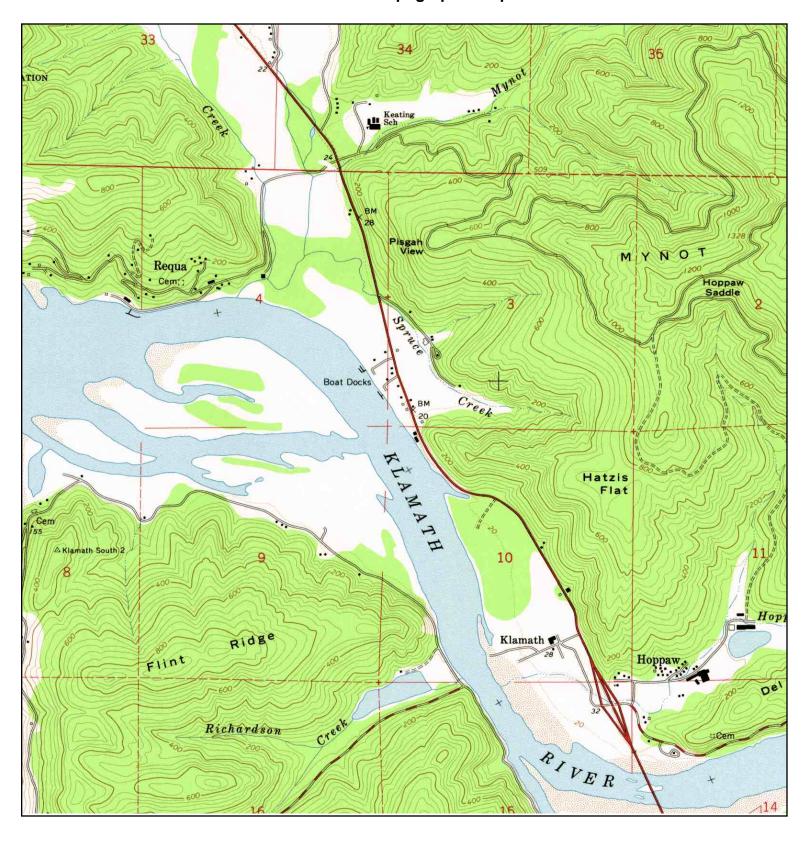
TARGET QUAD

NAME: KLAMATH MAP YEAR: 1952

SERIES: 15 SCALE: 1:62500 SITE NAME: Boat Yard

ADDRESS: 17620 Highway 101

Klamath, CA 95548 LAT/LONG: 41.5395 / -124.0487 CLIENT: Yurok Tribe CONTACT: Ray Martell INQUIRY#: 3301142.4





TARGET QUAD NAME: REQUA

MAP YEAR: 1966

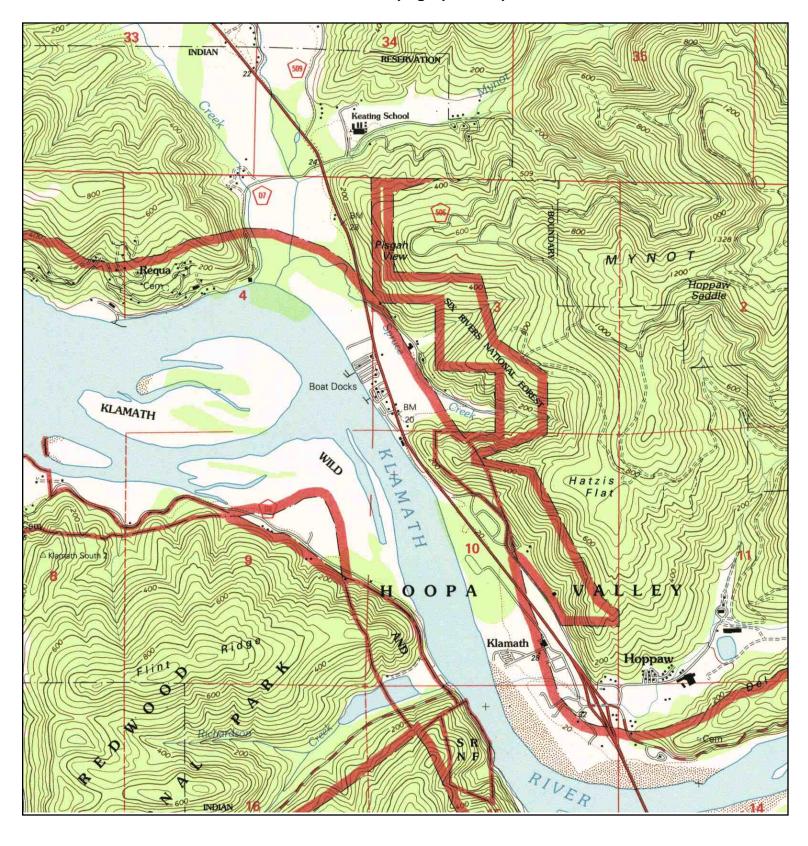
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Boat Yard

ADDRESS: 17620 Highway 101

Klamath, CA 95548

LAT/LONG: 41.5395 / -124.0487

CLIENT: Yurok Tribe
CONTACT: Ray Martell
INQUIRY#: 3301142.4





TARGET QUAD NAME: REQUA

MAP YEAR: 1997

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Boat Yard

ADDRESS: 17620 Highway 101

Klamath, CA 95548 LAT/LONG: 41.5395 / -124.0487 CLIENT: Yurok Tribe
CONTACT: Ray Martell
INQUIRY#: 3301142.4

## **Boat Yard**

17620 Highway 101 Klamath, CA 95548

Inquiry Number: 3301142.3

April 11, 2012

# **Certified Sanborn® Map Report**



## **Certified Sanborn® Map Report**

4/11/12

Site Name: Client Name: Boat Yard Yurok Tribe

17620 Highway 101 190 Klamath Boulevard Klamath, CA 95548 Klarmath, CA 95548

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:

Site Name: Boat Yard

Address: 17620 Highway 101 City, State, Zip: Klamath, CA 95548

**Cross Street:** 

**P.O.** # NA

Project: Boat Yard

Certification # FDBE-4D45-8CB1



Sanborn® Library search results Certification # FDBE-4D45-8CB1

#### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

✓ University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Boat Yard 17620 Highway 101 Klamath, CA 95548

Inquiry Number: 3301142.6

April 12, 2012

# The EDR-City Directory Image Report



### **EDR CITY DIRECTORY REPORT**

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assistenvironmental 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.

## NO COVERAGE

Thank you for your business.

Please contact EDR at 1-800-352-0050 with any questions or comments.

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APPENDIX I

CALTRANS FILE OF THE KLAMATH MAINTENANCE STATION

DEL NORTE COUNTY FILES OF THE KLAMATH MAINTENANCE STATION

## DEPARTMENT OF TRANSPORTATION

DISTRICT 1, P.O. BOX 3700 EUREKA, CA 95502-3700 TDD PHONE 707/445-6463



(707) 445-6321

October 22, 1992

01D872 Klamath Maintenance Station

Mr. Luis Rivera California Regional Water Quality Control Board, North Coast Region 5550 Skylane 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:

- o 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.
- o 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.

Luis Rivera October 22, 1992 Page 2

- o 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.
- o 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

BDouglas

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD NORTH COAST REGION

5550 SKYLANE BLVD. SUITE A SANTA ROSA, CA 95403 PHONE: (707) 576-2220



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 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

## morandum

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 "Cortese 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: DLH

FAW

**JScott** 

JAM

**1.KS** 

2.SSW

3.LBH

4.File

Chrono File

## CASE STATUS: CLOSED SHOW THIS SITE ON MAP LEAKING UNDERGROUND FUEL TANK REPORT CHOOSE A REPORT TO VIEW RETURN TO REPORT MAIN MENU CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 ADDITIONAL INFO: LEAK INFO: SITE INFO O FIELD POINTS FOR THIS SITE S PUBLIC WATER WELL(S) ESTIMATED TO BE NEARBY THIS SITE REMEDIATION ON SITE DETAILED RELEASE INFORMATION LAND USE CONTROLS DEPTH TO WATER INFORMATION RISK MANAGEMENT ELECTRONIC ANALYTICAL DATA ANALYTICAL DATA LOCATIONAL INFORMATION REGULATORY HISTORY REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-2220 DEL NORTE COUNTY RB RECORD FILE #: CUF REIMBURSEMENT AMOUNT: ELECTRONIC SUBMITTALS: AVAILABLE) GEO REPORT / SITE DOCUMENTS (NONE GEO BORE DATA (NONE AVAILABLE) GEO MAP DATA (NONE AVAILABLE) DEPTH TO WATER DATA (NONE AVAILABLE) ANALYTICAL DATA (NONE AVAILABLE) ELEVATION DATA (NONE AVAILABLE) LOCATION DATA (NONE AVAILABLE)

Geotracker Home | Site/Facility Finder | Case Finder | MTBE/Case Reports

REGULATORY HISTORY	
CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 7L1 HIGHWAY 101 KLAMATH , CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU	REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003  NORTH COAST RWQCB (REGION 1) - (ZZZ)  CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-2220  LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:
REGULATORY HISTORY	
BEGIN DATE	STATUS
8/24/1987	* Leak Discovery
8/24/1987	* System Entry
8/24/1987	* Leak Reported
8/24/1987	* Leak Stopped
9/23/1987	Case Open
3/9/1994	* Site Assessment
3/9/1994	* Site Assessment
3/9/1994	* Site Assessment
3/9/1994	*5R - Remediation Plan
3/9/1994	Remediation
3/9/1994	Verification Monitoring
3/9/1994	Case Closed
3/9/1994	Regulatory Enforcement
3/29/1994	* Regulatory Review

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LUFT ANALYTICAL DATA REPORT	DRT		
CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 KLAMATH , CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU	REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576- LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:	<b>4003</b> 707) 576-2220	
Plot Selected Chemicals	Resett Boxes Note: You may select up to 6 chemicals.		
D.	(All Data)   (Most Recent)   (Maximum Concentrations)		
NAME DATE PARAMETER NO DATA HAS BEEN SUBMITTED TO THE	NAME DATE PARAMETER MATRIX QUALIFIER BESULT OF THE SWRCB FOR THIS MONITORING WELL.	STINU	PLOT

Reports

CDOT KLAMATH YARD (KLAM 711 HIGHWAY 101 711 HIGHWAY 101 KLAMATH , CA 95548 KLAMATH , CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU	CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 711 HIGHWAY 101 KLAMATH , CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU	REGIONAL BOARD INORTH COAST RWQC CONTACT: REGIONA LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:	REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-2220 LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:
CASE TYPE BI SOIL IMPACTED AG NI	BENEFICIAL USE AGRICULTURAL SUPPLY INDUSTRIAL SERVICE SUPPLY MUNICIPAL AND DOMESTIC SUPPLY	LIC SUPPLY	BASIN (CALCULATED) LOWER KLAMATH RIVER VALLEY (1-14)
MTBE THREAT CLASSIFICATION	ASSIFICATION		
MIBE THREAT DESCRIPTION	CRIPTION		
MIBE CLEANUP CLASSIFICATION	ASSIFICATION		
MTBE CLEANUP DESCRIPTION	SCRIPTION		
#DRINKING WELLS IMPACTED	IMPACIED		
IMPACTED DRINKI	IMPACTED DRINKING SOURCE DESCRIPTION		
NEAREST SURPACE WATER BODY NOT YET CALCULATED ECOLOGICAL RISK DESCRIPTION	NEAREST SURPACE WATER BODY (CALCULATED) NOT YET CALCULATED ECOLOGICAL RISK DESCRIPTION	)	DISTANCE TO SURFACE WATER (CALCULATED) NOT YET CALCULATED
RB RECORD FILE #			
PLUME/CONTAMINANT DESCRIPTION	ANT DESCRIPTION		
SOIL DESCRIPTION			
CASE DESCRIPTION			

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CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 KLAMATH , CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU	REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-2220 LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:
FUTURE LAND USE REPORTED AT CLOSURE	CURRENT LAND USE
SITE MANAGEMENT REQUIREMENTS	
SITE MANAGEMENT DESCRIPTION	
BROWNFIELD (ABANDONED PROPERTY NOT RE	BROWNFIELD (ABANDONED PROPERTY NOT REDEVEL OPEN DIE TO CONT.

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Geotracker Home   Site/Facility Finder   Case Finder   MTBE/Case Reports	Geotracker Home   Site/
Substance Quantity Gasoline - Automotive	SUBSTANCES RELEASED:  Discharge Begin Date  UNKNOWN
SOURCE OF LEAK:	CAUSE OF LEAK:
	INTERIM: Y = Interim Action Taken
FUNDING: R METHOD USED TO STOP DISCHARGE:	ENFORCEMENT TYPE: Regulatory Enforcement HOW LEAK WAS DISCOVERED: Other Means
	CASE TYPE: Soil impacted
REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-2220 LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:	CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 RLAMATH , CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU
	Detailed Release Information

CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 KLAMATH, CA 95548 CASE STATUS: CLOSED SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU  Start Date  Method  Excavate and Dispose  REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-2220 LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:  Phase Start Date  Start Date  A/5/2000  Excavate and Dispose
--

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CDOT KLAMATH YARD (KLAMATH) 711 HIGHWAY 101 KLAMATH , CA 95548		NAL BOARD (I COAST RWQCB	REGIONAL BOARD (LEAD AGENCY) - CASE #: 1TDN003 NORTH COAST RWQCB (REGION 1) - (ZZZ) CONTACT: REGIONAL WATER BOARD SITE CLOSED - (707) 576-3220	1TDN003
SHOW THIS SITE ON MAP RETURN TO REPORT MAIN MENU	DEL NO RB REC	LOCAL AGENCY DEL NORTE COUNTY RB RECORD FILE #:		
Water System Name	Water System ID Well Name	Well Name	Common Well Name	Dist To LUFT
HAROLD DEL PONTE	0800740	0800740-001	WELL 01	n/a
KLAMATH CAMPER CORRAL	0800615	0800615-001	WELL 01 - PRIMARY	n/a
KLAMATH C.S.D.	0800548	0800548-003	WELL 03 - SIMPSON - RAW	RAW n/a
KLAMATH C.S.D.	0800548	0800548-002	WELL 01	n/a
TOTAL CONTRACTOR				

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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

Request for Environmental Clearance Subject:

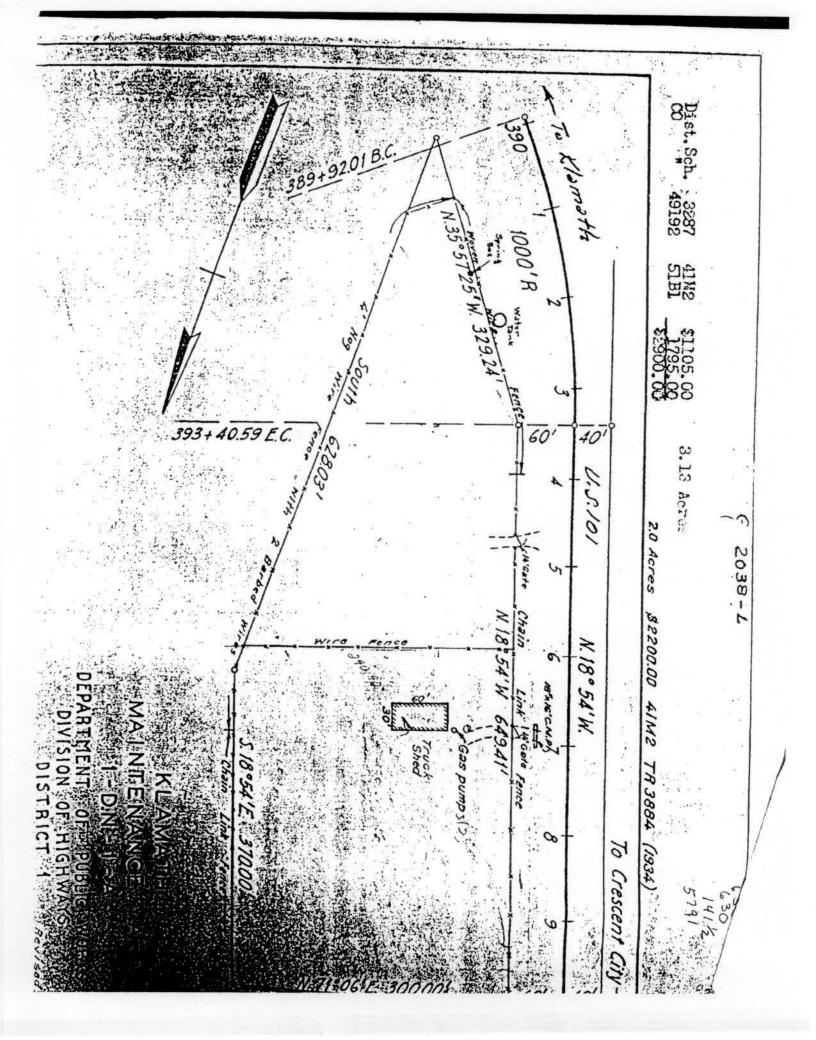
> The Excess Land Branch is in the process of preparing the public sale of the former Klamath Maintenance Yard in Klamath.

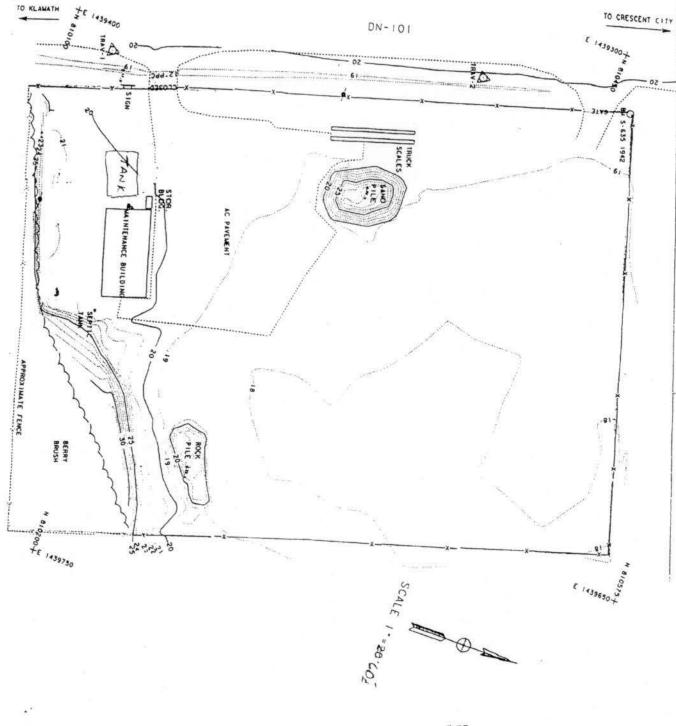
> Please review this parcel for Environmental Clearance and let me know if it will be clear to sell by October 1, 1996.

Attachment

MTM: jv

We place of Single photos placed with the place of the pl They have been a format by the sound of the





DN-101-PM6.1

HAME DESCRIPTION WARM FAST TRAV-1 PK MAIL N/ CT CAP 81035-29 1439417-676
TRAV-2 PK MAIL N/ CT CAP 810366-312 1439350-675
HAD 1927/ ZONE 1/ CGF 0:9999675 2 3m

CONTROL

POWER POLE
GAS INTAKE CAP
GAS VENT
ELECTRICAL PANAL
SEPTIC TANK COVER
USCAGS BENCH MARK 0.

LEGEND

KLAMATH MAINT SURVEYED ON AUGUST

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 archeological 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)

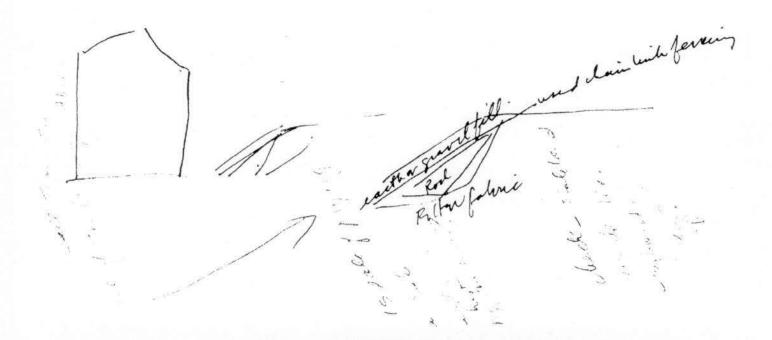
Hazardous Waste clearance is complete. The environmental clearance will not be secured for up to 18 months (2/99). Excess materials (mostly pipe) will be disposed of as salvage. The old R.E. trailer has been turned over to Leota for disposal through R/W excess lands. Large beams at the site are being 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:

TOIMAIL.TIMAIL1(bmarshal),



From:

Jim Ceragioli

To:

TOIMAIL.TIMAIL1.dharmon

Date:

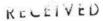
10/15/97 7:54am

Subject:

Klamath Maint. Sta. -Reply -Reply -Forwarded

#### 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?





JAN 28 1988

HUMBOLDT CO. HEALTH DEPT.

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 DUES NOT DESCRIBE

CLUSURE PLAN NOT ON PLOT PLAN JUC

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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	PAGE
1.0	INTRODUCTION 1.1 PURPOSE AND SCOPE OF WORK 1.2 BACKGROUND
2.0	LEAK DETECTION PLAN
3.0	TANK MONITORING PROGRAM
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 COM	PLETING FORM	
1) Complete one for	m for each facility	
2) Where data is es	timated or uncertain, note '	'est" or "approx"
3) Not all of the i	nformation requested here wi	ill be available. However, it
is very importar	t and should be completed or	estimated if at all possible.
1) Attach additiona	1 sheets if more space is ne	eeded to answer the questions.
5) Provide at least	two (2) pictures as per spe	ecifications.
	Photo Identification H-1	10, 11
. ADMINISTRATIVE		
A. Department		
Name: Same as I	-B	
	County:	
3. Facility		
Name: Klamath Y	ard - Caltrans	
Address: Highway	101 North (P. O. Box 218)	
	reet: Highway 101	
		te CA Zip: _95531
	4-1751 Contact: Howard	

B. Facility (continue	ed)			
Number of undergr	ound tanks at facility:	Four	7	
Tanks owned	X leased			
Facility owned	X leased			
. Operator (if differ	rent from facility)			
Name: Same as	I-B			
Address:				
	County:			CA Zip:
Phone:	Contact:			
mergency Contact				
Day: Name Howard	Lawes	_ Phone	(707)	464-1751
Night: Name Same		Phone	Same	1 79 11
. Product Supplier				
Name: Unknown				
Address:				
City:	County:			CA Zip:
Phone:	Contact:			
. Registration and Co	ertification	¥.		
Which regulations	govern the tanks at this	s facili	ty (e.g.	
State, County, Loc	cal) State			

Registration a	nd Certification (co	ontinued)
Have tanks be	en registered? <u>Unk</u>	nown Date
Which agency	enforces the State	tank regulations?
Agency Addres	s: Environmental	Health Department
350 I		
8		501
Phone:(707	) 445-6215	Contact: Jeff Arnold
Tank Registra	tion or Permit #:	Unknown
Fees Paid:		Cost:
		permit/fees to consult)
Predominant no	atural soil type: l	Loam - sandy silt
Depth to firs	t aquiclude Unknov	wn
	on floodplain? yes	
Groundwater		
Name of the di	roundwater basin and	d subbasin? Prairie Creek Area Basin
Estimated dept	th to high water tab	ble 40 feet est.
Estimated dept	th to low water tabl	le10 feet est.
Average depth	to water table	
Are there any	water wells within	0.5 miles? yes noX_
If yes, distar	nce and direction to	o well

	ent conditions of groundwater <u>Unknown</u>
-	
Hydr	aulic gradient and direction, if knownUnknown
Appr	oximate ground surface slope and direction Flat
C. Nearb	y Utilities
Dist	ance to nearest underground telephone line None near
Dist	ance to nearest underground gas line None near
	ance to nearest underground power line _Est. 5 feet
	ance to nearest water line _ Est. 5 feet
	ance to nearest storm sewer line None
Dista	ance to nearest offsite basement None
Are	there any nearby underground power lines that pose a risk in drilling
yes	s no X
Is th	nere any nearby power for the monitoring system
ye	es X no
D. Site H	History and Surrounding Area
Pleas	se note source of information entered in this section.

Suspecte	d contaminationX Confirmed contamination
No contar	mination
Dates and	d extent of known spills at this site and materials
spilled	Diesel tank failed test extent/duration unknown
Type of s	surrounding environment (e.g. forest, agricultural,
industria	al etc.) Forested
Activitie	es on adjoining sites <u>Recreational/residential/trailer park</u>
lazardous	liquids that may be stored on adjoining sites (e.g.
ydrocarb	ons, fuels, pesticides, solvents etc.) <u>Unknown</u>
nown spi	lls on adjoining sites <u>None</u>

#### 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

II. TANK IN	FORMATION		, 1	To read	and L	
. General T	ank Descripti	on	Have	and the second		
OSA Tan	k Identificat		1	1	2,370; (3, 4)	Unknown
Attach	sketch of tan	k location				
Tank us	ed for: Prod	uct storag	e:X	w	aste storage	
sump		other (des	cribe)			
Capacit	in gallons	(1, 2) 1	,000; (3,	4) Unkno	wn	

A. G	eneral 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 tankUnknown
	Is tank filled with inert material? <u>Unknown</u>
	Manufacturer of tank Unknown
	Installation year Estimate before 1957
	Date of last tank test(1, 2) 3/17/87; (3, 4) Unknown
в.	Tank Construction and Operation
	Wall MaterialEst. 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 noX
	Type of backfill (natural soil, sand, pea gravel, clay etc.)
	Est. natural soil
	Type of internal protection (eg. liner, epoxy) <u>Unknown</u>
	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 <u>Vehicles/road equipment</u>
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 <u>Unknown</u>
Dates and extent of known leaks (2) Failed test - extent/duration unknown

Mi	scellaneous Tank Information
W	hat are the compliance alternatives for this tank
_	1. Tank Monitoring
	2. Tank Removal and Replacement
	ETE THE FOLLOWING QUESTIONS IF THE INFORMATION IS KNOWN. DO NOT TRY A
WI	nich construction codes do tanks meet? (eg. fire codes, county buildin
C	odes, etc) give dates. <u>Unknown</u>
_	
200	
Su	rface elevation - Est. 25 feet
Su	rface material directly above tank (e.g. pavement) Gravel/soil
Do	es the surface material show signs of settlement or distress?
Is	surface directly above the tank used (e.g. structures, storage yard)
If	yes, describe
_	
-	
_	

No					
If yes, exp	lain				
Are filler	caps, acce	ss covers.	locks, etc fur	nctional Yes	
Is overfill	protectio	n available	Yes		
(NOTE: THE	FACILITY M	ANAGER SHOUL	D ANSWER THE	FOLLOWING FOU	R QUESTIONS)
			this facility		
Feasibility	of placing	g tank above	ground <u>Feas</u>	ible	
Are commerc	ial sources	s available	and feasible	to use by the	agency
No					
Feasibility	of elimina	ating or con	solidating th	is tank with	others?
None (plan	ning to rem	nove kerosen	e)		
Are other S	ate facili	ities within	one mile of	this site?	No
What equipme	ent is used	onsite tha	t cannot be t	aken offsite 1	for refueling
Fueling sta	ition for a	ill large eq	uipment		
General comm	ents <u>Fuel</u>	needed on	site. Site s	nall either be	abandoned o
completely	redone in	future.			
		of the tank			

I۷	INVENTORY RECONCILIATION  Is inventory reconciliation done Yes					
- 5	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					
١.	PIPING INFORMATION					
١.	General Piping Information					
	Attach a sketch of piping layout					
	Type of piping used <u>Est. steel</u>					
	Size of piping used _(1 & 2) 1.5 inches					
	Length of piping from tank to dispenser or point of use <u>(1) 10 feet;</u>					
	(2) 5 feet; (3) 1 foot					

Α.	General Piping Information (continued)
	Age of piping Same as installation
	Is piping above or below groundBelow
	Type of backfill used in piping trenches Est. natural soil
	Method of delivering material through pipeline (gravity, suction,
	pressure, etc) <u>Suction</u>
	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
. 1	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

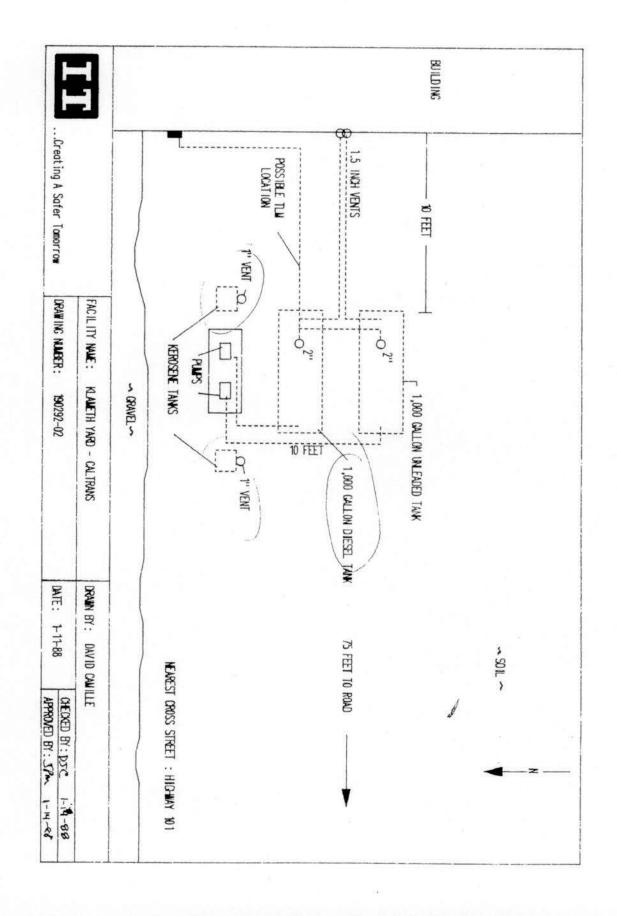
Alternative # \_State #2

Alternative # State #5

Alternative # Tank Removal

B. Monitoring Alternative Selected No. <u>Tank Removal</u>

- 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.



## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD NORTH COAST REGION

5550 SKYLANE BLVD. SUITE A SANTA ROSA, CA 95403 PHONE: (707) 576-2220



November 3, 1992

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

RECEIVED NOV 0 5 1992 DEL NO STATE

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 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,

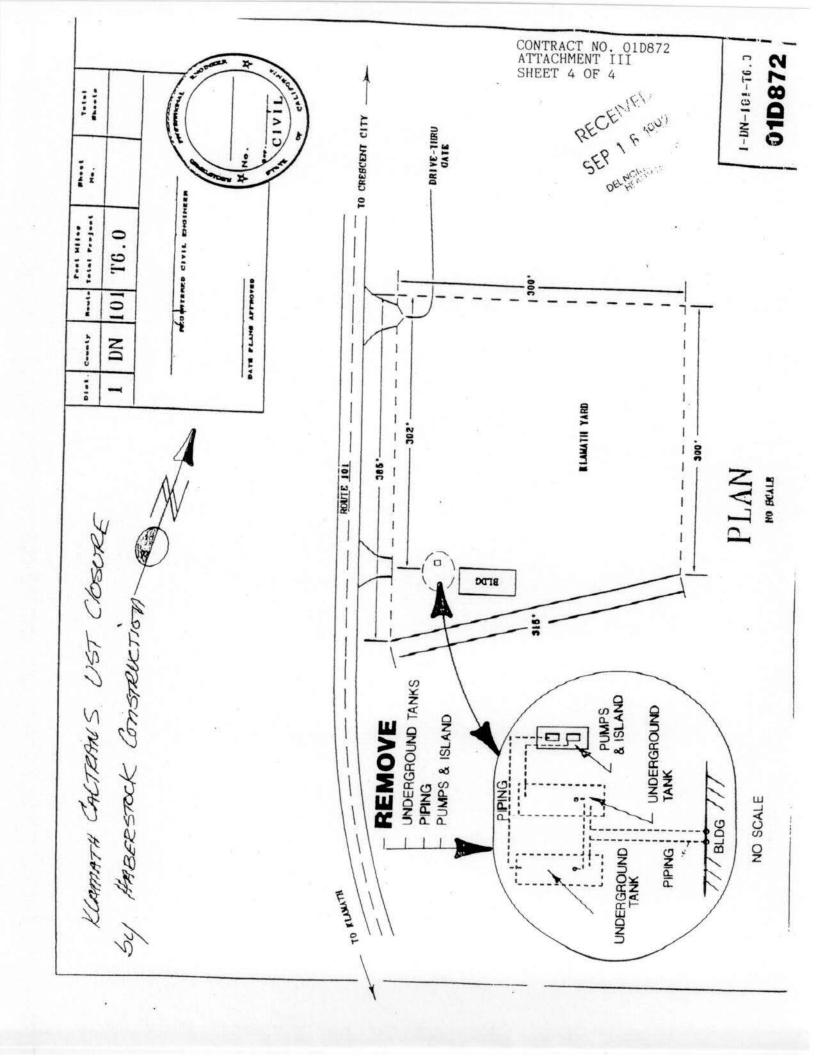
ORIGINAL SIGNED BY

Lisa Jenkins Intern Environmental Specialist

W:tam/klamath

George P. Otterbeck Page 2 November 3, 1992

cc: Don Bush, Del Norte County Health Department





## COUNTY OF DEL NORTE

909 Highway 101 North CRESCENT CITY, CALIFORNIA 95531

> AREA CODE 707 464-7227

Del Norte Underground Storage Tank Program

September 15, 1992					
Cal Trans		RE:			
1120 N Street Sacramento, CA. 95814					
Thank you for your applic Permit is granted. Please	ation and fee fo notify us as to	r underground when the tan	storage	be remove	d. All th
advanced notice you can give	ve us, hopefully a	it least 48 hour	rs, will be	appreciate	d.
advanced notice you can give	ve us, hopefully a	it least 48 hour	rs, will be	appreciate	d.
advanced notice you can give	ve us, hopefully a	it least 48 hour	rs, will be	appreciate	d.
advanced notice you can give If you have any questions p	ve us, hopefully a	it least 48 hour	rs, will be	appreciate	d.
advanced notice you can give If you have any questions p	ve us, hopefully a	it least 48 hour	rs, will be	appreciate	d.



### COUNTY OF DEL NORTE

909 Highway 101 North CRESCENT CITY, CALIFORNIA 95531

> AREA CODE 707 464-7227

#### **MEMO**

TO

File DW

FROM

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

## DEPARTMENT OF PUBLIC HEALTH 39 HIGHWAY 101 NORTH CKESCENT CITY, CA 95531

## APPLICATION FOR CLOSURE OF UNDERGROUND STORAGE TANKS

RECEIVED SEP 1 4 1992

- 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.
acility Name: CALTRANS KLAMATH MAINT. ST	ATION #tanks closed Z
acility Address: DN 101- P.M. 6.0, KLAMATH,	A #tanks remaining
	ione: 725-6/38
ndicate which type of tank closure you are applying f	
	Temporary: closure
umber of tanks being closed: 700 Reason for Clos	sure
Tank size (gallons)  Age of tank (years)	Tank contents (chemical name)  DIEE
_1000	GASOUNE
ite last operated tank)s): JUNF 1992	GEN. # TO BE PROVIDED
PA hazardous waste generator number for your facility	
oil sampling for product contamination must be done first the analytical laboratory to be used for analysis	or permanent tank closure
lame of laboratory: NORTH COAST LABS	Phone: 822-4649
ote: Submit copy of analytical test results to the Department within 30 days of receipt.	el Norte County Health
f the tank is to be removed, complete Section I below	7.
f the tank is to be closed-in-place, complete Section	
f the tank is to be temporarily closed, complete Sect	
lote: All tank(s) product contents must be removed pr	

Section I-	Tank	Remov	val	
Provide a	plot	חבות		

Provide a plot plan of existing facility showing property boundaries, ment and any remaining tanks.
location of tanks to be removed, underground facilities, wells, equip-
or company cleaning to
Name of company hauling pinsot Const.
Name of company hauling rinsate: CHICO DRAIN OIL
and their DHS Hazardous Waste Hauler's License No#81Z EPA#
Tank/piping destination (facility name and address):980694103
949 Hans
If No: Name of company pauling to EUREKA, CA 9550/
and their DHS Hazardous Waste W.
Tank/piping destination for disposal
Tank/piping destination for disposal or destruction (facility name and address):
Is/are the tank(s) to be used for scrap metal? X Yes In No 1949 HAWTHORNE ST. EVRERA, CA 9550/
Is/are: the removed tank(s) proposed for reuse as aboveground storage  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
Dection II-Tank Closure-In-Place
crovide a plot plan of existing facility showing property boundaries, location of tank(s) to be closed-in-place, underground utilities, wells.
Name of company cleaning tank:
Method of cleaning tank:
Name of company hauling rinsate:
What inert material (
What inert material (e.g. sand/a
What inert material (e.g., sand/cement slurry) will be used to fill the cleaned in-place tank and piping?
3 Total Control of the Control of th

# Section III-Tank Temporary Closure

Provide a plot plan of existing facility showing property location of tank(s) to be temporarily closed, underground wells, equipment, and any remaining tanks.	b l u	ound tili	laries ties,	,
Name of company cleaning tank:  Method of cleaning tank:			*	
and their DHS Hazardous Waste Hauler's License No.:		:		

Applicant's Signature

9-11-92

Date

# FOR OFFICIAL USE ONLY

TANK NUMBER.							
THE HOLDER	<del>.</del>	1	: 1	*		×	
APPROVED	<del>-</del> ., .	SIGNATURE	' 1	þ.			
DENIED		DATE			44 m		.,

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD NORTH COAST REGION

5550 SKYLANE BLVD. SUITE A SANTA ROSA, CA 95403 PHONE: (707) 576-2220

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.

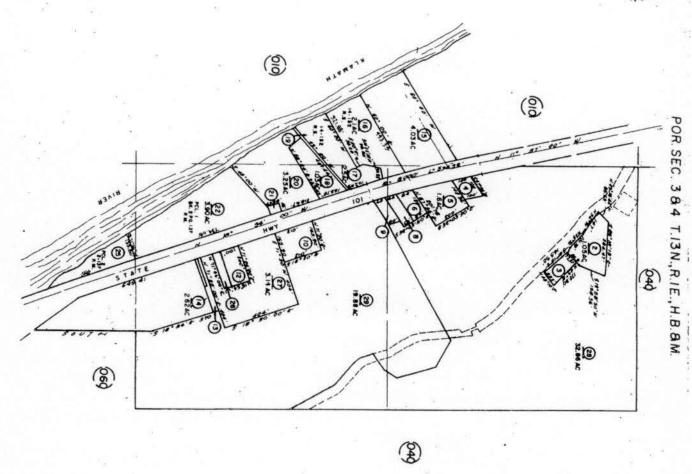
Sincerely,

ORIGINAL SIGNED BY

Benjamin D. Kor Executive Officer

KPK:tab/cdot

cc: Del Norte County Health Department



# Cleanup Status History

3/8/1994 Completed - Case Closed 3/8/1994 Open - Verification Monitor 3/8/1994 Open - Site Assessment 9/23/1987 Open - Remediation 9/23/1987 Open - Site Assessment	ring	
8/24/1987 Open - Case Begin Date		

# GEOTRACKER

## CASE SUMMARY

REPORT DATE 8/24/1987 HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

**CREATED BY** 

UNKNOWN

II. RESPONSIBLE PARTY -

CALTRANS DISTRICT

CALTRANS DISTRICT 1

ADDRESS P.O. BOX 3700 INITIALS

ORGANIZATION NAME CALTRANS

CONTACT DESCRIPTION

**EMAIL ADDRESS** 

EUREKA, CA 95502

FACILITY NAME

CDOT KLAMATH YARD

FACILITY ADDRESS 711 HIGHWAY 101

KLAMATH, CA 95548 DEL NORTE COUNTY FACILITY ID

ORIENTATION OF SITE TO STREET

CROSS STREET

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

GASOLINE

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

DATE DISCOVERED

8/24/1987

HOW DISCOVERED

Other Means

DESCRIPTION

DATE STOPPED

8/24/1987

STOP METHOD

DESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE

CAUSE OF DISCHARGE

DISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

REGIONAL BOARD CASE NUMBER

1TDN003

LOCAL AGENCY

**CONTACT NAME** Brian McNally

INITIALS

ORGANIZATION NAME DEL NORTE COUNTY

**EMAIL ADDRESS** 

**ADDRESS** 

981 H Street, Suite 110 CRESCENT CITY, CA 95531 CONTACT DESCRIPTION

**REGIONAL BOARD** 

**CONTACT NAME** 

INITIALS ZZZ

ORGANIZATION\_NAME

**EMAIL ADDRESS** 

CLOSED

REGIONAL WATER BOARD SITE

NORTH COAST RWQCB (REGION | Irivera@waterboards.ca.gov

**ADDRESS** 

5550 SKYLANE BOULEVARD, SUITE A SANTA ROSA, CA 95403

CONTACT DESCRIPTION

**PHONE TYPE** 

PHONE NUMBER

**EXTENSION** 

MAIN PHONE MAIN FAX

(707)-576-2220 (707)-523-0135

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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, Ethno-Historic Methods, Contemporary Native Issues, Native American Philosophies, Exhibition Design. Thesis and research credits in Ethnic Studies and Art History.

## **Professional Experience:**

**July 2008 – Present. Director.** Yurok Tribe Environmental Program. Responsible for implementing EPA funded tribal programs on the Yurok Indian Reservation. Management and oversight of 3 divisions: Cultural Resources, Water Resources & Cross Media.

**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 2006, Spring 2007, Fall 2007, Spring 2008, Fall 2008, Spring 2009. Associate Faculty. College of the Redwoods, Del Norte Campus. Introduction to Native American Studies, Native American History.

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

**July 2002 - June 2003**. Science Fellow/Teacher. National Science Foundation Fellowship GK-12 Science Education Program, Oregon State University: Siletz Elementary School.

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)
6/2003 - 7/2008	Yurok Tribe, Klamath, CA (Assistant Director, Contract Archeologist)
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)
5/2000 - 9/2000	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)
9/1991 - 4/1993	Madison Oyster Bar. South Bend, IN. (Supervisor/Customer Service/Dining)
1/1991 - 8/1991	Citizen's Action Coalition. South Bend, IN. (Canvasser/Fundraiser)
4/1989 - 1/1991	Center Street Café. Mishawaka, IN. (Customer Service/Dining)
9/1982 - 4/1989	Standard Federal Savings Bank. South Bend, IN. (Supervisor/Banker)

## **Professional References:**

Ralph Simon, Executive Director (707) 482-1350

Yurok Tribe Klamath, CA

Dr. Courtland Smith, Environmental Sciences Graduate Program (541) 737-4515

Oregon State University

Corvallis, OR

Carol Matthews
College of the Redwoods
(707) 465-2300

Del Norte Campus Crescent City, CA

## **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 flurochrome detection method for Giardia and Cryptosporidium detection.
- California and Nevada certified for the Detection of Bacterial Pathogens in Drinking Water.

## Jr. Environmental Microbiologist.

September 1994 To March 1996, BioVir Laboratories Inc, Benicia, CA.

- 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:**

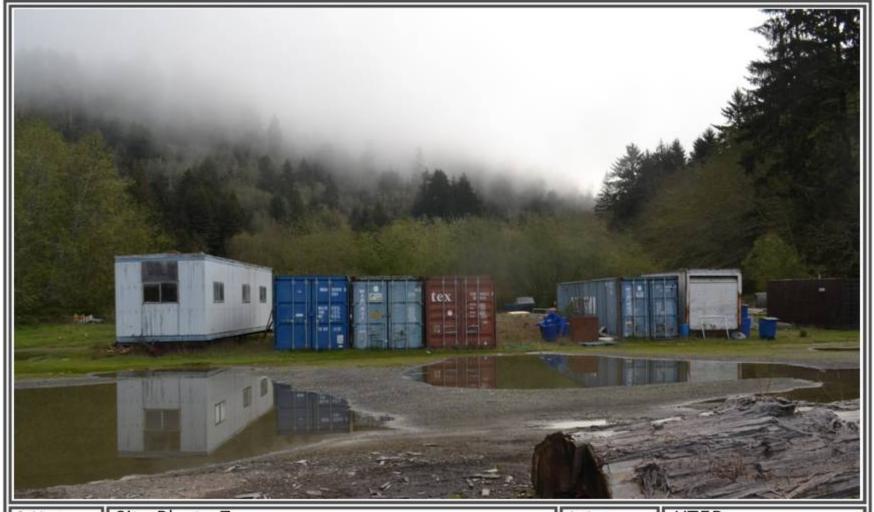
September 1988 to May 1993, Humboldt State University, Arcata, CA.

Bachelor of Science (BS),
 Environmental Sciences with a Degree in Biology.

## Other Experience:

- California-Nevada American Water Works Association (CAL-NEVA AWWA)
   Water Quality Analyst Grade 2 Certificate.
- State of California Department of Pesticide Regulations Pesticide Applicators License (QAC).
- OSHA 40-Hour Hazardous Waste Operations and Emergency Response training (HAZWOPER).
- American Red Cross Adult CPR training.

"



Subject: Site Photo 7 Author: YTEP

Summary:

Conex containers and trailers

Date: March 4, 2013
Page: 1 of 1

File Name: Site Photo 7



Subject: Site Photo 8

Author: YTEP

Summary:

Equipment and trailers

Date: March 4, 2013

Page: 1 of 1

File Name: Site Photo 8





Site Photo 1 YTEP Subject: Author: March 4, 2013 Summary: Date: 1 of 1 Page:

Lock Lot at Entrance looking east

Site Photo 1 File Name:



Subject: Site Photo 2 Author: YTEP

Summary: Date: March 4, 2013

Lock Lot at Entrance looking south

Page: 1 of 1
File Name: Site Photo 2



Subject: Site Photo 3 Author: YTEP

Summary: Date: March 4, 2013

Maintenance Shed Page: 1 of 1

File Name: Site Photo 3



Site Photo 4 Subject:

YTEP

Summary:

Inside the Maintenance shed

March 4, 2013 Date:

1 of 1 Page:

Site Photo 4 File Name:



Site Photo 5 Subject:

YTEP Author:

Summary:

Oil Collection and Oil Barrels

March 4, 2013 Date:

1 of 1 Page:

Site Photo 5 File Name:



Subject: Site Photo 6

Summary:

Weeping Oil Barrel

Page: 1 of 1

File Name: Site Photo 6

## **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 flurochrome detection method for *Giardia* and *Cryptosporidium* detection.
- California and Nevada certified for the Detection of Bacterial Pathogens in Drinking Water.

## Jr. Environmental Microbiologist.

September 1994 To March 1996, BioVir Laboratories Inc, Benicia, CA.

- 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:**

- California-Nevada American Water Works Association (CAL-NEVA AWWA)
   Water Quality Analyst Grade 2 Certificate.
- State of California Department of Pesticide Regulations Pesticide Applicators License (QAC).
- OSHA 40-Hour Hazardous Waste Operations and Emergency Response training (HAZWOPER).
- American Red Cross Adult CPR training.

## 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, Ethno-Historic Methods, Contemporary Native Issues, Native American Philosophies, Exhibition Design. Thesis and research credits in Ethnic Studies and Art History.

## Professional Experience:

**July 2008 – Present. Director.** Yurok Tribe Environmental Program. Responsible for implementing EPA funded tribal programs on the Yurok Indian Reservation. Management and oversight of 3 divisions: Cultural Resources, Water Resources & Cross Media.

**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 2006, Spring 2007, Fall 2007, Spring 2008, Fall 2008, Spring 2009. Associate Faculty. College of the Redwoods, Del Norte Campus. Introduction to Native American Studies, Native American History.

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

**July 2002 - June 2003**. Science Fellow/Teacher. National Science Foundation Fellowship GK-12 Science Education Program, Oregon State University: Siletz Elementary School.

**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)
6/2003 – 7/2008	Yurok Tribe, Klamath, CA (Assistant Director, Contract Archeologist)
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)
5/2000 - 9/2000	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)
9/1991 - 4/1993	Madison Oyster Bar. South Bend, IN. (Supervisor/Customer Service/Dining)
1/1991 - 8/1991	Citizen's Action Coalition. South Bend, IN. (Canvasser/Fundraiser)
4/1989 - 1/1991	Center Street Café. Mishawaka, IN. (Customer Service/Dining)
9/1982 - 4/1989	Standard Federal Savings Bank. South Bend, IN. (Supervisor/Banker)

## **Professional References:**

Ralph Simon, Executive Director (707) 482-1350

Yurok Tribe Klamath, CA

Dr. Courtland Smith, Environmental Sciences Graduate Program (541) 737-4515

Oregon State University

Corvallis, OR

Carol Matthews (707) 465-2300

College of the Redwoods Del Norte Campus Crescent City, CA