# PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT FOR THE FORMER MILL SITE (APN 534-151-020 AND 534-151-002) LOCATED ON HIGHWAY 169 NEAR WEITCHPEC, CALIFORNIA

Prepared for:
Mr. Ken Henderson
Yurok Tribe Environmental Program
190 Klamath Boulevard
Klamath, California 95548

September 9, 2009

Prepared by: Orrin Plocher, Stan Thiesen, and Julie Savona

of



# **Freshwater Environmental Services**

78 Sunny Brae Center Arcata, California 95519 Phone (707) 839-0091 We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312.

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

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#### **Freshwater Environmental Services**

Orrin Plocher

Geologist

Stan Thiesen Geologist

Omin Ploorer Stan Ikiesen Juli Savora

Julie Savona Geologist

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# 1.0 INTRODUCTION

Freshwater Environmental Services (FES) has prepared this Phase I Environmental Site Assessment (Phase I ESA) on the former mill site property, located on Gibbens Road near Cappell Road (APN 534-151-020), near Weitchpec, California (hereinafter referred to as the Site, or Subject Property). A portion of the Subject Property may extend off of this parcel, onto the west adjacent parcel, which is indicated as APN 534-151-002. This Phase I ESA was prepared for the exclusive use of the Yurok Tribe located in Klamath, California and the United Stated Environmental protection (USEPA) Region 9 Brownfields Program.

This Phase I ESA conforms to the principles 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, a past release or a material threat of release of any hazardous substances or petroleum products in the structures of the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances and petroleum products even under conditions in compliance with law.

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

RECs do not include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be subject to any enforcement action if brought to the attention of appropriate government agencies.

#### 1.2 Detailed Scope of Work

This Phase I ESA conforms to the principles of work described in ASTM E1527–05.

#### 1.3 Significant Assumptions

It is assumed that the groundwater flow direction in the vicinity of the Subject Property is towards the south towards the Klamath River based on steeply sloping topography in the vicinity of the Subject Property.

#### 1.4 Limitations and Exceptions

"No environmental site assessment can wholly eliminate uncertainty regarding the potential for 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 on professional opinions from our field reconnaissance and visual observations of the Subject Property and our review and interpretation of available historic information as described in this report.

#### 1.5 Special Terms and Conditions

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 the needs of others. Any use or reuse of this document and findings is at the sole risk of said user.

# 2.0 SITE DESCRIPTION

#### 2.1 Location and Legal Description

The Subject Property is located off Gibbens Road, west of Upper Cappell Road, near Weitchpec, Humboldt County, California. The Site is located on the northwest side of Gibbens Road, north of Highway 169. The locations of the parcels that contain the Subject Property are outlined in Figures 1-6. Some portions of the parcel that were inaccessible due to dense vegetation growth or steep topography were not inspected or included as part of this investigation. The Subject Property in this report includes the areas of the parcel that were viewed, including a relatively flat area which lacks significant vegetation, areas along Highway 169 that were accessible near the remnants of a conical burner, and upslope areas where forest vegetation is not as dense. Areas inspected are shown in Figures 1-6.

The Subject Property is included in Assessor Parcel Number (APN) 534-151-020 in Humboldt County. A portion of the Subject Property may extend off of this parcel, onto the west adjacent parcel, which is indicated as APN 534-151-002. The parcel map of the Site is included in Figure 2. The parcels are allotted lands held in trust status for the Tribe by the Bureau of Indian Affairs (BIA). The parcel map including the Subject Property is included in Figures 1-6.

#### 2.2 Site and Vicinity General Characteristics

The Subject Property is currently vacant undeveloped land on the Yurok Indian Reservation. The conical burner is still present and is the only remaining structure on the property. Areas surrounding the Subject Property are forested; while the majority of the Subject Property is open space vegetated with tall grasses, where a mill previously existed. There is evidence of a former loop driveway through the Site.

#### 2.3 Current Use of the Property

The Subject Property is currently vacant undeveloped land.

#### 2.4 Description of Structures, Roads, Other Improvements on the Site

The majority of the Site is vacant undeveloped property. The property is accessible off of Gibbens Road, which is a gravel road. The Site lies between Gibbens Road to the east and Highway 169 to the south. The structure of the former conical burner is still present near Highway 169, and is the only structure on the Subject Property. A portion of the Site is relatively flat and vegetated with dense shrubs and trees, while other portions are steeply sloping towards the south and forested. The former location of a driveway that looped through the Subject Property is relatively flat and vegetated with grass.

# 2.5 Current Uses of Adjoining Properties

Currently, the uses of the adjoining properties include primarily forested land and residential properties. There is a school facility approximately one 1,000 feet to the west.

# 3.0 USER PROVIDED INFORMATION

#### 3.1 Title Records

Mr. Ken Henderson, user of the report, indicated that no property transaction is in progress, therefore, a title report has not been ordered.

#### 3.2 Environmental Liens or Activity and Use Limitations

The user of this report, Mr. Ken Henderson, representing the Yurok Tribe Environmental Program, was not aware of any environmental liens or activity and use limitations. A search conducted by Environmental Data Resources, Inc. (EDR) did not identify any vesting documents for the parcel and indicated that the owner of the property is the United States Government. Since no deed records exist for the property, no environmental liens or activity use limitations were noted. A copy of the EDR search results is included in Appendix A.

#### 3.3 Specialized Knowledge

Mr. Ken Henderson, user of this report, was not aware of any specialized knowledge related to the Subject Property other than the former use as a sawmill as evidenced by the conical burner.

#### 3.4 Public Outreach Meeting Results

An essential part of the Phase I ESAs is the collection of historical knowledge directly from Yurok Tribal members about each of the Brownfields sites including the former mill site. FES has facilitated and participated in two Tribal District Meetings for the purpose of public education regarding the Brownfields Program, providing status reports on the four project sites and collecting historical information regarding the previous uses and activities on the four Brownfields properties. 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 completing the questionnaire to capture information from the community.

The district meetings at Weitchpec and Pecwan were attended on June 29, 2009. Attendees indicated that the mill was referred to as the Weitchpec Lumber Company Mill. It also was referred to as the "Gibbens Mill". The mill was noted to have been built in 1948. It was noted by several familiar with the mill that wood treatment did not take place at the mill. The mill processed Douglas fir and "Emerson" converted it into a stud mill prior to it burning down in the 1960s. Emerson may refer to Red Emerson of Sierra Pacific Industries. The Gibbens brothers operated a truck shop on the level area associated with the mill. It was noted that the shop generated waste oil and stored and dispensed fuel. One of the attendees was able to note the general configuration of structures associated with the mill including the conical burner, saw mill, planer mill, log pond and truck shop on a hand sketch. Based on the hand sketch, historical aerials, and historical topographic maps the general mill configuration is provided in Figure 6.

#### 3.5 Commonly Known or Reasonably Ascertainable Information

Mr. Ken Henderson, user of this report, indicated that the property was formerly used as a sawmill, which utilized petroleum products. He was not aware of any additional environmental information regarding the Subject Property.

#### 3.6 Valuation Reduction for Environmental Issues

Mr. Ken Henderson, user of this report, indicated that no property transaction is underway and no purchase price has been identified for the Subject Property. The future use of the property is currently undetermined.

#### 3.7 Owner, Property Manager and Occupant Information

Mr. Ken Henderson, representative of the Site owner, the Yurok Tribe, provided responses to an environmental questionnaire. The completed questionnaire is included in Appendix B. Mr. Henderson indicated that the Subject Property is held in trust status for the Tribe by the Bureau of Indian Affairs (BIA). Mr. Henderson indicated that the property was formerly a sawmill and that it utilized petroleum products. He noted the presence of discolored soil inside the conical burner. Mr. Henderson is not aware of any additional potential environmental issues associated with the Subject Property.

## 3.8 Reason for Performing Phase I ESA

Mr. Ken Henderson, user of this report, indicated that the reason for performing a Phase I 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 Brownfields Program.

## 4.0 RECORDS REVIEW

#### 4.1 Standard Environmental Record Sources

FES contracted with Environmental Data Resources (EDR), a company specializing 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. The search radius for each database complies with ASTM E1527-05. A complete listing of the databases searched and the radius searched are included in the EDR Radius map report.

The Subject Property is not listed on any of the databases reviewed by the EDR report. Other sites listed in the EDR report include the following:

• The Yurok Indian Reservation does not have a listed address and is listed on the "Indian Reservation" database indicating the presence of Indian administered lands that have an area of greater than or equal to 640 acres.

Other sites listed in the EDR Radius Map report are unlikely to have a negative impact on the Subject Property due to distance from the Subject Property, groundwater flow direction, and the reported environmental activities.

#### 4.2 Additional Environmental Record Sources

A database report listing sites with environmental activities in Humboldt County was provided by the Humboldt County Division of Environmental Health. A file was reviewed for a former methamphetamine lab that was located on Upper Cappell Road. Based on the review of the file, it was determined that the site is not an environmental concern for the Subject Property because it was located several miles to the east. There are no additional properties of environmental concern in the area of the Site.

#### 4.3 Physical Setting Sources

The 1982 United States Geologic Survey (USGS) 7.5 minute topographic map entitled Johnsons, California, which includes the Subject Property and surrounding area was reviewed and is included in Figure 3. The Subject Property has an elevation of approximately 360 feet above mean sea level. The topography in the area around the Subject Property generally slopes gently to the south. The nearest stream shown on the USGS topographic map is Devil Creek which is near the eastern boundary of APN 534-151-020.

The Subject Property is shown on the "Geologic Map of the Weed Quadrangle, California" (Wagner and Saucedo, 1987) as being underlain by the South Fork Mountain Schist. The nearest fault zoned as active (within the last 11,000 years) under the Alquist-Priolo Earthquake Fault Zoning Act, is approximately 23 miles southwest of the Subject 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.

Based on a review of historical data sources, the oldest documentation is a 1947 Historical Topographic Map that does not indicate the presence of any structures on the Subject Property. The 1948 aerial photograph (Appendix D) shows a log pond and a small structure adjacent to the log pond. The Subject Property was used as a sawmill beginning in the late 1940s and reportedly burned down in the 1960s. Historical aerial photographs from 1965 (Appendix D) and 1966 (Figure 6) show that the mill buildings (other than the conical burner) are no longer present and that the log pond has been breached and has eroded the area downhill. Other than the mill and associated activities including a truck shop, and potential residential use, there has not been any other known use of the Subject Property.

#### 4.4.1 EDR Historic Aerial Photographs

Aerial photographs from 1954, 1976, 1988, 1993, 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:

1954: It appears that multiple roads are present on the Subject Property. A darker area near the western boundary of the parcel may be the former location of a log pond. Former buildings associated with the mill are present south of the log pond. The conical burner is present along the western parcel boundary, just southwest of the log pond. A conveyor belt is evident on the east side of the conical burner, coming from a building that is believed to be the former sawmill. Main access to the mill was apparently off of Highway 169, just east of Gibbens Road. Based on the 1954 photograph, the mill was present and operational at this time. Additional buildings are evident further east, which may be residential dwellings for mill workers.

1976: A large circle driveway is evident on the Subject Property. Buildings may be present in the center of the loop, however, due to the quality of the photograph, features are not evident. The use of the buildings is unknown but may be residential. The driveway is located east of the former location of the sawmill buildings and log pond, which appears to be vegetated in 1976. The former location of the log pond and buildings is not visible through the vegetation. Due to vegetation growth, the conical burner is not visible in 1976. The property remains accessible off of both Highway 169 and Gibbens Roads.

1988: A smaller circle driveway is evident on the Subject Property. The western edge is the same as 1976 and the eastern edge is the location of a north/south vehicle access, as described in the 1976 photograph. A trace of the former eastern edge is visible. This area has become vegetated.

1993: Additional vegetation has grown throughout the Subject Property since 1988. A trace of the former eastern portion of the circle driveway is visible and connects to what

is currently an open area off of Gibbens Road that contains multiple mailboxes for residents in the vicinity.

2005: A portion of the circle driveway is evident. Due to heavy vegetation growth, the conical burner and other Site features are not evident.

#### 4.4.2 Other Historic Aerial Photographs

Additional historic aerial photographs were obtained in digital format from the Humboldt County Public Works Department. The photographs dated 1948 (Appendix D), September 4, 1965 (Appendix D), and 1966 (Figure 6) were reviewed. The aerial photographs were reviewed and the following observations were made: The 1948 aerial photograph indicated an initial sawmill building and early generation log pond. The 1966 aerial photograph shows the circle driveway present on the Subject Property and there appear to be several additional structures east of the Subject Property. The area of the log pond has increased. Due to the quality of the photograph, additional Site features are not evident. There do not appear to be any mill buildings in former sawmill area except for the conical burner, which is likely a result of a combination of an early 1960s fire and the 1964 flood.

## 4.4.3 Historic Topographic Maps

Historic topographic maps from 1947, 1952, 1982, and 1997 of the Subject Property and surrounding area were provided by EDR. In 1947, the roads and creek in the vicinity of the Subject Property are evident, however, individual Site features are not shown. In 1952, numerous buildings are present on and in the vicinity of the Subject Property, which are likely the buildings associated with the mill, and potentially residential dwellings for mill workers. In 1982 and 1997, there are no structures on the Subject Property. There are two structures within the parcel, one of which is east of Gibbens Road and the other is to the north accessible from a private driveway. Copies of the historic topographic maps are included in Appendix E.

#### 4.4.4 Historic City Directories

Historic city directory data was not available with coverage for the town of Weitchpec.

#### 4.4.5 Sanborn Fire Insurance Maps

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

#### 4.5 Historical Use Information on Adjoining Properties

Based on historical information, adjacent properties have remained undeveloped with the exception of scattered residences.

# 5.0 SITE RECONNAISSANCE

## 5.1 Methodology and Limiting Conditions

The Subject Property was inspected by Orrin Plocher, Stan Thiesen and Julie Savona of FES on June 1, 2009. FES was escorted by Mr. Ken Henderson of the Yurok Tribe Environmental Program. The Subject Property is currently vacant undeveloped property. There are no structures present on the property except the remnants of a former conical burner. The entire Subject Property was viewed and was defined by excluding portions where vegetation was dense and not reasonably accessible, particularly along the creek on the western portion of the Subject Property. Photographs from the Site inspection are included in Appendix H.

#### 5.2 General Site Setting

Currently the Site and vicinity are primarily vegetated. There is a cleared area where the former mill was located. Most of the remaining area is forested. A former conical burner is present on the Subject Property near Highway 169. There are scattered residences in the vicinity of the Subject Property.

#### 5.3 Exterior Observations

The Site consists of vegetation. A portion that was formerly used as a loop through driveway is relatively flat and vegetated with tall grasses. Going towards the west and northwest, the vegetation becomes thick and impenetrable. Areas to the north are forested with various trails. There are piles of slash near the entrance to the Site, which is off of Gibbens Road. There are two piles of trash on the Subject Property. One primarily consists of an abandoned and dilapidated camper shell. The other is an old abandoned truck, lying on its side. The gas tank, as well as an empty gas can, and the battery are on the ground in the vicinity of the truck. There are also six discarded washing machines on the property. The former conical burner is surrounded by forest and is accessible either from Highway 169 or from a forested area just north of the highway. The interior of the conical burner was viewed. The former burner is still present and contains a thick layer of ash. Two discarded drums were noted behind the conical burner. The drums were on their sides and damaged and have likely been present for approximately fifty years. No staining was evident near the drums, potentially due to the amount of time that they have been present. The former location of the log pond was viewed. Remnants of building foundations were present in this area, which were likely portions of the former mill buildings. The buildings burned down in the early 1960s and the area was flooded in 1964, which may have eroded the foundation remnants. Although there is no field evidence of septic systems on the Site, there most likely were septic systems connected to the sawmill buildings and to the truck shop.

#### 5.4 Interior Observations

There are no structures on the Subject Property except the conical burner.

# 6.0 INTERVIEWS

#### 6.1 Interview with Owners

The representative of the owner of the Site, Mr. Ken Henderson, provided responses to an environmental questionnaire. A copy of the questionnaire is contained in Appendix B. Mr. Henderson indicated that the Subject Property is allotted lands held in trust status for the Tribe by the Bureau of Indian Affairs (BIA). Mr. Henderson indicated that the Subject Property was formerly used as a sawmill and utilized petroleum products. He was not aware of any additional environmental issues related to the Subject Property. Mr. Henderson indicated that ownership of the property is a Trust BIA.

#### 6.2 Interview with Site Manager

Mr. Ken Henderson, representative of the Site owner, is also the Site manager, as described in Section 6.1.

#### 6.3 Interviews with Occupants

There are no occupants on the Subject Property.

#### 6.4 Interviews with Local Government Officials

FES interviewed Mr. Norm Crawford, of the Humboldt County Department of Health and Human Services. Mr. Crawford is not aware of any environmental concerns in the vicinity of the Subject Property.

# 7.0 FINDINGS

This assessment has identified the following environmental findings:

- The Subject Property was used as a sawmill in the 1950s and burned down in the 1960s. It was been vacant ever since.
- The mill was noted to have been built in 1948. It was noted by former employees of the mill that wood treatment did not take place. The mill processed Douglas fir and "Emerson" converted it into a stud mill prior to it burning down in the 1960s. The Gibbens brothers operated a truck shop on a level area associated with the mill. The shop generated waste oil and stored and dispensed fuel.
- The conical burner is present on the Subject Property. The conical burner was fueled with petroleum. Two discarded drums, which likely previously contained petroleum, are located behind the conical burner. The conical burner contains a thick layer of wood ash and charcoal that likely contain metals and dioxin and furan compounds. The ash is eroding from under the edge of the conical burner and is entering the creek.
- Although not evident in the field, there were likely septic systems connected to the sawmill buildings and the truck maintenance buildings. Given that both facilities stored and utilized petroleum products the potential exists for petroleum/solvent impact to the septic system(s).
- There are several appliances and an abandoned truck present on the property.

# 8.0 OPINION

Based on information obtained from this investigation, petroleum products were used in various locations on the Subject Property, including a truck shop, fueling area, and to fuel a conical burner. The potential exists for petroleum releases to have occurred on the Subject Property and the potential exists for the presence of an underground storage tank in the truck shop area.

Although not evident in the field, there were likely septic systems connected to the sawmill buildings and the truck maintenance buildings. Given that both facilities stored and utilized petroleum products the potential exists for petroleum/solvent impact to the septic system(s).

There were no visual obvious releases emanating from the appliances or vehicle.

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

# 9.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-05 at the former mill Subject Property, located on Gibbens Road and Upper Cappell Road (APN 534-151-020), near Weitchpec, 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:

- Former use of the Subject Property as a sawmill utilizing petroleum products for equipment maintenance and for fueling the conical burner,
- Former use of the Subject Property for truck maintenance that is reported to have included the storage and dispensing of fuel,
- Likely former presence of onsite septic systems connected to the sawmill and truck shop facilities that generated waste petroleum products and solvents. There is the potential for soil and or groundwater impact in the area of the former septic system(s).
- The conical burner contains a thick layer of wood ash and charcoal that likely contain metals and dioxin and furan compounds. The ash is eroding from under the edge of the conical burner and is entering the creek.

This assessment has not revealed any historical recognized environmental conditions in connection with the property.

# **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. E1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Environmental Data Resources (EDR), 2009a Radius Map Report.

Environmental Data Resources (EDR), 2009b Aerial Photograph Decade Package.

Environmental Data Resources (EDR), 2009c Historic Topographic Maps.

Environmental Data Resources (EDR), 2009d City Directory Abstract.

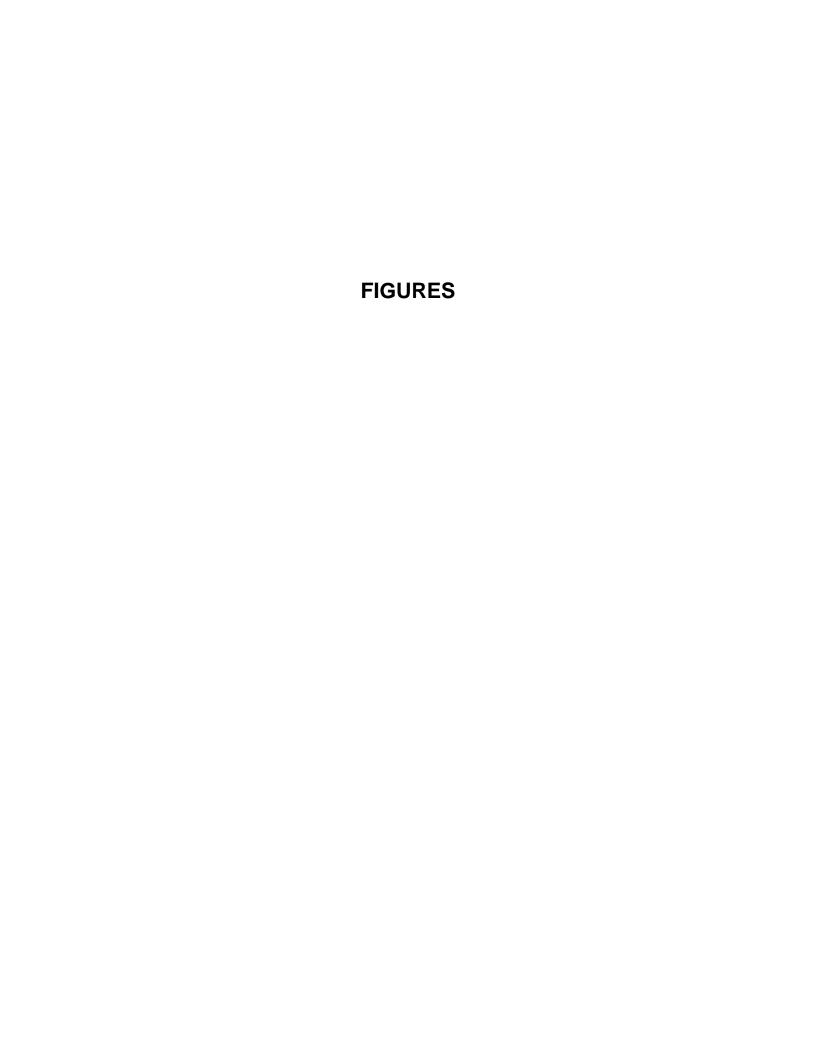
Environmental Data Resources (EDR), 2009e Certified Sanborn Map Report.

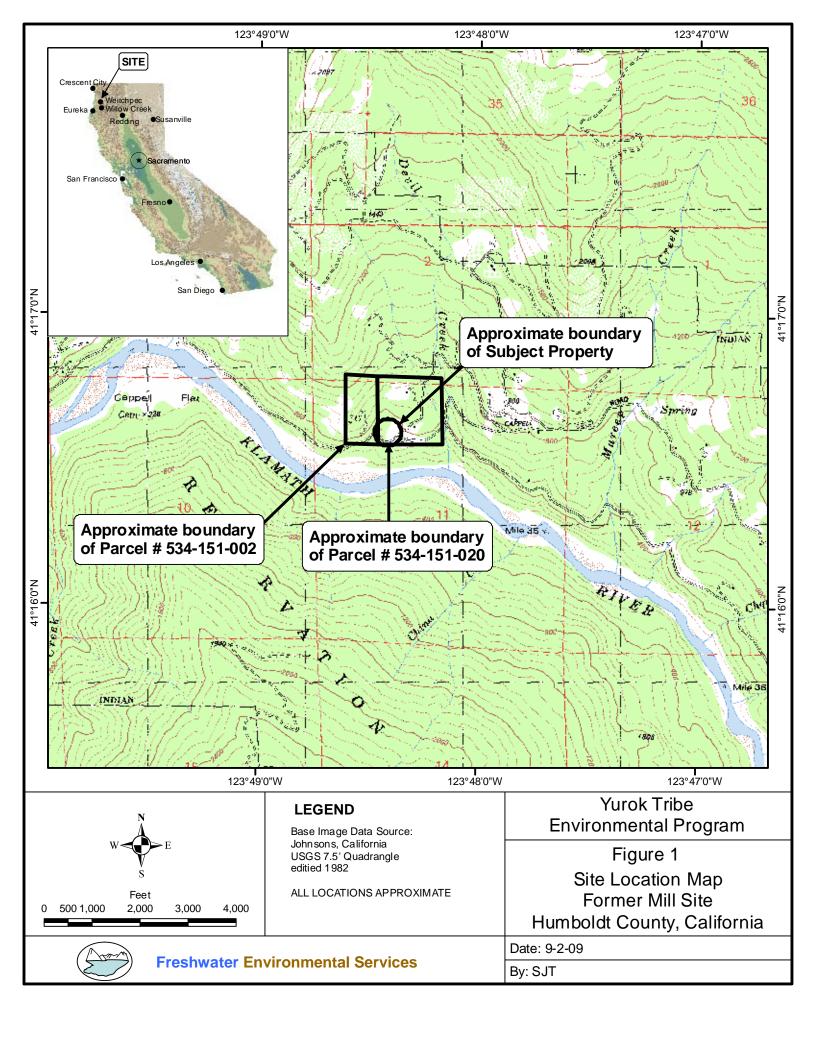
Humboldt County, Public Works Department, 1965 Aerial Photograph, dated 9-4-65.

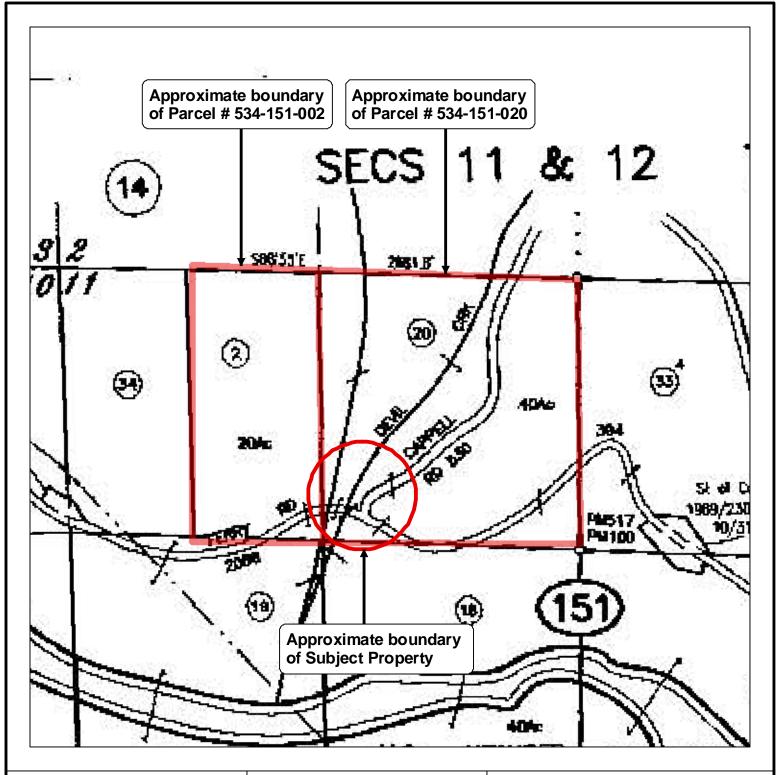
Humboldt County, Public Works Department, 1966 Aerial Photograph.

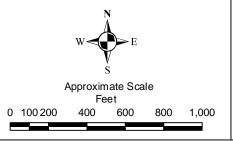
United States Geological Survey (USGS), 1973, 7.5 minute topographic quadrangle (Johnsons, California).

Wagner and Saucedo, 1987, "Geologic Map of the Weed Quadrangle, California", California Division of Mines and Geology.









Parcel Map optained from Parcel Quest.com

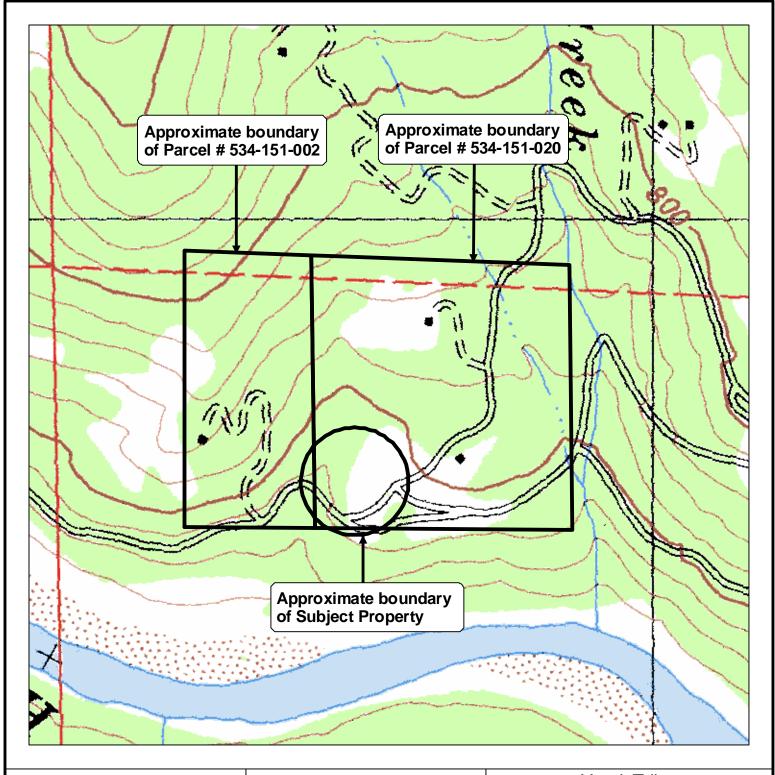
ALL LOCATIONS APPROXIMATE

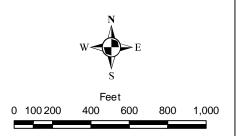
Yurok Tribe Environmental Program

Figure 2
Parcel Map
Former Mill Site
Humboldt County, California

Date: 9-2-09







Base Image Data Source: Johnsons, California USGS 7.5' Quadrangle editied 1982

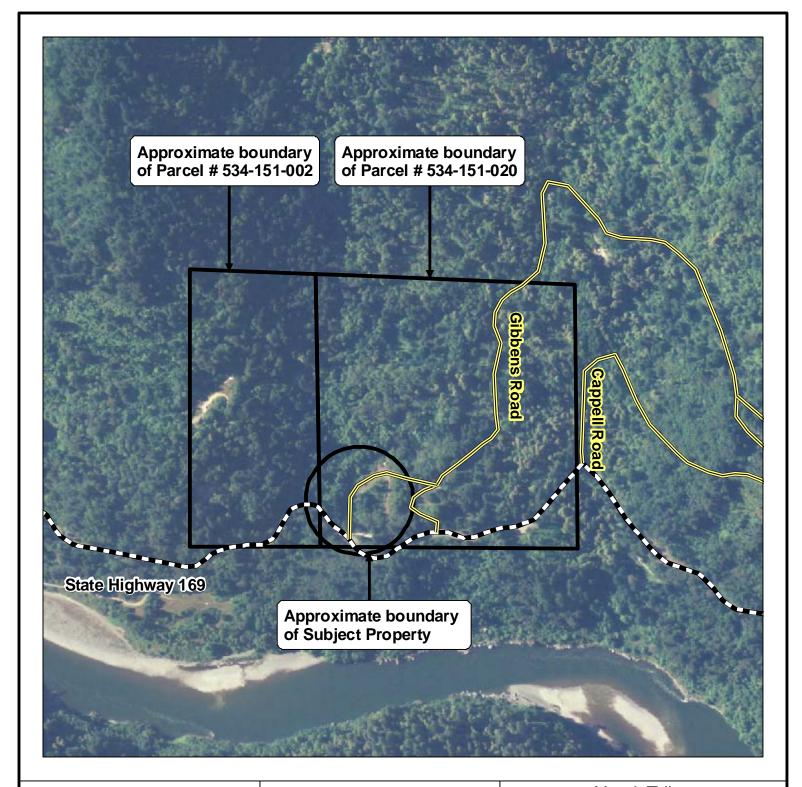
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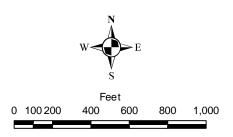
# Yurok Tribe Environmental Program

Figure 3
USGS 7.5' Topographic Map
Former Mill Site
Humboldt County, California

Date: 9-2-09







Base Image Data Source:USDA-FSA Aerial Photo graphy Field Office Color Digital Ortho Photo Quad Majority image dates 2005

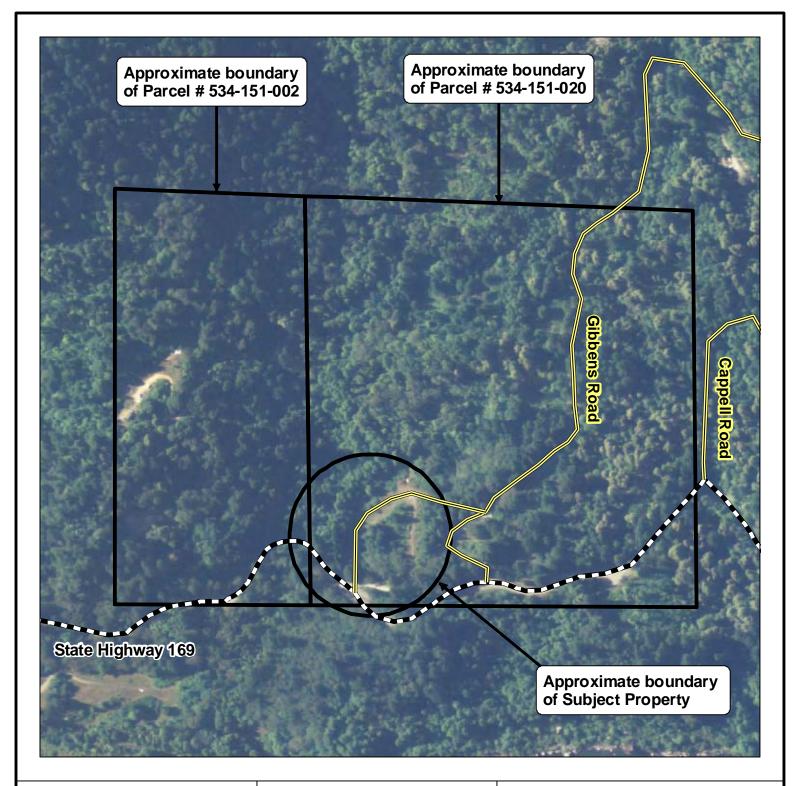
ALL LOCATIONS APPROXIMATE

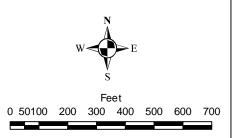
# Yurok Tribe Environmental Program

Figure 4
2005 Aerial Photograph
Former Mill Site
Humboldt County, California

Date: 9-2-09







Base Image Data Source:USDA-FSA Aerial Photo graphy Field Office Color Digital Ortho Photo Quad Majority image dates 2005

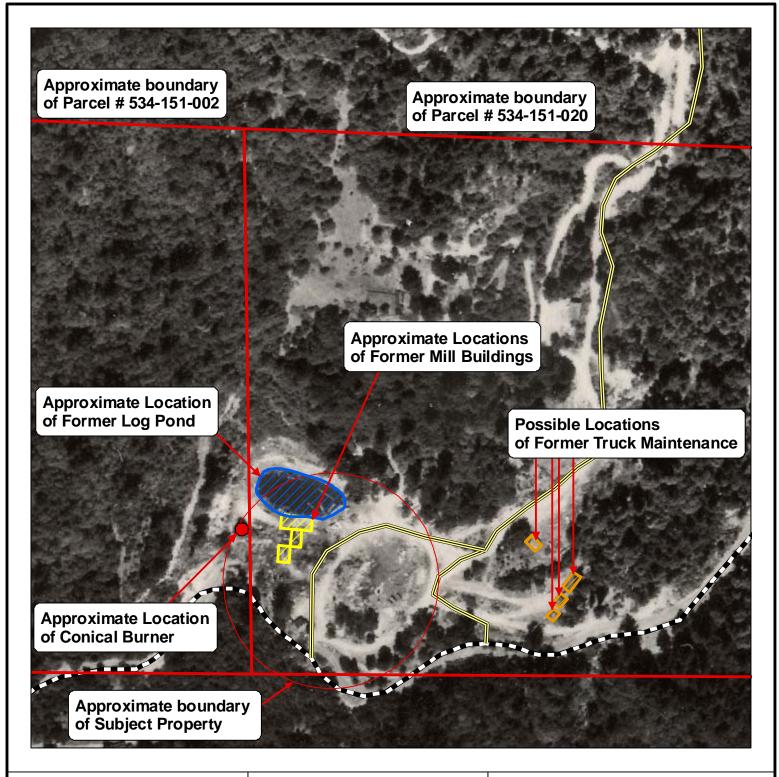
ALL LOCATIONS APPROXIMATE

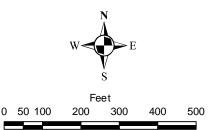
# Yurok Tribe Environmental Program

Figure 5
2005 Aerial Photograph Detail
Former Mill Site
Humboldt County, California

Date: 9-2-09







Base Image Data Source: 1966 aerial photograph scan obtained by FES from Humboldt County Public Works Department

ALL LOCATIONS APPROXIMATE

# Yurok Tribe Environmental Program

Figure 6 1966 Aerial Photograph Former Mill Site Humboldt County, California

Date: 9-2-09

By: SJT



**Freshwater Environmental Services** 

# APPENDIX A EDR ENVIRONMENTAL LIEN SEARCH RESULTS

# APPENDIX B ENVIRONMENTAL QUESTIONNAIRES

Westerpec will

# **User/Client**

	a Let cen	
ะเละรู้ ≥ี่งไท้เอาะแองเป็	8/14/04	
	Ven Henderson	
ເອກາລານ (On Shiran	Ywol Tribe	<del> </del>
	ma noc nie	
Status:	ClientOwner	
	Site Manager	
	☐Øccupant ☑Government Official	
	□ Other	
<del>2</del>	<del>-</del> -	
D=-07 0	why the Phase I is required?	
- tadiz	Knowledge	4
<del></del>		_
What is the current u	use of the property?	
Vajant		
- Vuan		
(14.7)		<u> </u>
What type of propert	ty transaction is it?	
	∏Sale	
	Purchase	
	☐Exchange ☐Other	
Have you engaged a and lien records?	title company or professional to review recorded land t	itle records
	∐Ƴes	
16 dans albas	☑No	
If yes describe:		

hat were the results of the title review?	
	200
re any services beyond the requirements of Practice E1527	(Phase I ESA) requir
□Yés □Wo	
f yes describe:	
Who is the site contact for the property?	
Yurok Planning	
low can the site contact be reached?	
707 482-1350	
Who is the owner of the property?	
IMST BIT	
Who are the occupants of the property?	
and are the occupants of the property:	
NV	
Do any of the parties to the property transaction have a requ	ired standard scope
□ Vps	
□ yes ☑No	
f yes describe:	
anknam	

\_ = =

	⊠Yes □No		
f yes describe:			
Paservi	utton G	munity	
•	0100°484'7/	· ·	<del></del>
Are there any speci environmental prof		nditions that must be agreed upo	on by the
	<b>☑</b> Yes		
If yes describe:	□No		
	Contru	<u> </u>	
			<del></del>
			-
Do you have any of	her knowledge (	or experience with the property t	that may be pertinent
Do you have any of the environmental	her knowledge o	or experience with the property t	that may be pertinent
Do you have any of the environmental	her knowledge o professional?	or experience with the property t	that may be pertinent
Do you have any of the environmental p	rofessional?	or experience with the property t	that may be pertinent
the environmental p	orofessional? ☑Yes ☑No		
the environmental p	rofessional?		
the environmental p	orofessional? ☑Yes ☑No		
the environmental p	orofessional? ☑Yes ☑No		
the environmental p	orofessional? ☑Yes ☑No		
the environmental p	orofessional? ☑Yes ☑No		
the environmental p	orofessional? ☑Yes ☑No		
If yes describe:	rofessional?  ☐Yes ☐No  ☐() ←	cleanup liens against the prop	
the environmental place of the environmental place.	rofessional?  ☐Yes ☐No  ☐() ←	cleanup liens against the prop	
If yes describe:	rofessional?  ☐Yes ☐No  ☐() ←	cleanup liens against the prop	
If yes describe:  Former  Are you aware of a	erofessional?  Yes  No  Will  yenvironmentaeral, tribal, state	cleanup liens against the prop	

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry?			
	∐Yes ☑No		
If yes describe:			
10.			
As the user of this ES the property or nearby		ve any specialized knowledge or experience re	elated to
	⊻Yes □No		
If yes describe:			
If yes describe:	mil		
	- <del> </del>	<del></del>	
<del>1 - 2 - 0 - 1</del>			
Does the purchase pr value of the property? contamination?	ce being paid If not, have	id for this property reasonably reflect the fair you considered whether the price difference	market is due to
	☐Yes No	Va.	
Additional Information	∐NO △		
A			
10-10-10-10-10-10-10-10-10-10-10-10-10-1	<u> </u>		
-			
Do you know the past	uses of the	property?	
	☑Yes □No		
If yes describe:	LINO		
Former	will		

☐Yes ☐No  If yes describe:  Devadeum	
Dertdeum	
o you know of spills or other chemical releases that have take	en place at the property?
	p. a.o. a.o. a.o. p. o. p.
∟yes I√No	
yes describe:	
	<del></del>
Do you know of any environmental cleanups that have taken pl	ace at the property?
∐Yes ✓No	
f yes describe:	
<u> </u>	<del></del>
	sand .
the second second an every knowledge and experience	nee related to the property
As the user of the ESA, based on your knowledge and experient are there any indicators that point to the presence or likely pres	sence of contamination at
he property?	
™/yes	
≥ No	
f yes describe:	
Decolored soil with in	Telnee
burner	<del></del>

# **Property Owner**

The Indian Date & My Or		
Round Ven Handerson		
Assistant Director	UTEP	
MINER MENERS DICK With you have	a will	Site
Status: Lower Capul had		
☐ Client/Owner☐ Site Manager☐ Occupant☐ Government Official☐ Other		
Document Request	<del>-</del>	80
Please indicate if you have any documents listed below. If yes, provided or reasonable access for review.		
-Environmental Site Assessment Report	Available ——	Provided ——
-Environmental Compliance Audit Report	<del></del>	- <u></u> -
-Environmental Permits		
-Registration for underground or aboveground storage tanks		
-Registration for underground injection systems		
-Material safety data sheets	—	s <del></del>
-Environmental Site Assessment Reports		9
-Community right-to-know plan	at-	ā <del>.</del>
-Safety plans; preparedness and prevention plans; spill prevention countermeasures, and control plans; etc.	<u>"</u> "	
-Reports regarding hydrogeologic conditions on the property or surrounding area	·	-
-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	s <del></del>	
-Geotechnical studies	<del></del>	Dist.
-Risk assessments	: <del></del>	<del></del>
-Recorded activity and use limitations (AUL)	H <del>-11</del>	<del>a-</del>

1) Are you aware of any pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?人_)	us
2) Are you aware of any pending, threatened or past administrative proceedings re to hazardous substances or petroleum products in, on, or from the property?	elevant
3) Are you aware of any notices form any governmental entity regarding any poss liability relating to hazardous substances or petroleum products?	ible
4) During what time period were you the owner of the property?  Trust Land	
5) What was type of business did you have at the property?	
6) Do you know the past uses of the property?	
☐No  If yes describe:  Limbur will	
Limber will	
7) Do you know of specific chemicals that are present or once were present at the property?	•
If yes describe:  Petroleum	
8) Do you know of spills or other chemical releases that have taken place at the property?	
☐Yes ☑No  If yes describe:	

n Do you know or	any environmental cleanups tha  ☐yes	t have taken place at the pix
yes describe:	☑No	
	- SAS	- <del> </del>
		-
0) Do you have a pertinent to the en	ny other knowledge or experienc vironmental professional?	e with the property that may
0) Do you have a pertinent to the en	ny other knowledge or experienc vironmental professional? □Yes □No	e with the property that may
pertinent to the en	vironmental professional?	e with the property that may
pertinent to the en	vironmental professional?	e with the property that may
(0) Do you have a pertinent to the en	vironmental professional?	e with the property that may

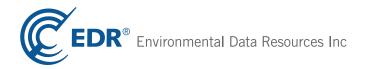
# APPENDIX C EDR RADIUS MAP REPORT

Former Mill Site Upper Cappell Road Weitchpec, CA 95546

Inquiry Number: 02510734.1r

June 04, 2009

# The EDR Radius Map™ Report with GeoCheck®



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

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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**

UPPER CAPPELL ROAD WEITCHPEC, CA 95546

#### **COORDINATES**

Latitude (North): 41.278000 - 41° 16' 40.8" Longitude (West): 123.805300 - 123° 48' 19.1"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 432556.3 UTM Y (Meters): 4569719.0

Elevation: 480 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41123-C7 JOHNSONS, CA

Most Recent Revision: 1982

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2005 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

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 - Transporters, Storage and Disposal

Federal RCRA generators list

RCRA-LQG......RCRA - Large Quantity Generators RCRA-SQG......RCRA - Small Quantity Generators

RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE...... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR\_\_\_\_\_EnviroStor Database

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST...... Geotracker's Leaking Underground Fuel Tank Report

SLIC..... Statewide SLIC Cases

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

#### State and tribal voluntary cleanup sites

VCP....... Voluntary Cleanup Program Properties INDIAN VCP...... Voluntary Cleanup Priority Listing

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI...... Open Dump Inventory

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

INDIAN ODI\_\_\_\_\_ Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database

SCH...... School Property Evaluation Program

#### 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

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

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

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS..... Facility Index System/Facility Registry System 

CA WDS..... Waste Discharge System NPDES...... NPDES Permits Listing

Cortese\_\_\_\_\_\_ "Cortese" Hazardous Waste & Substances Sites List HIST CORTESE\_\_\_\_\_ Hazardous Waste & Substance Site List

Notify 65..... Proposition 65 Records DRYCLEANERS..... Cleaner Facilities

WIP..... Well Investigation Program Case List

HAZNET..... Facility and Manifest Data Emissions Inventory Data

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners 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		<b>Direction / Distance</b>	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:

Site Name	Database(s)

JACK NORTON ELEMENTARY SC HIST CORTESE HIST CORTESE K-T JUSD HOOPA HIGH SCHOO HIST CORTESE HIST CORTESE **BLUFF CREEK RESORT BLUFF CREEK RESORT SWEEPS UST** BUSSELL'S HUPA CHEVRON **SWEEPS UST** K-TJUSD CORPORATION YARD **SWEEPS UST** K-TJUSD HOOPA ELEMENTARY SCHL **SWEEPS UST** K-TJUSD HOOPA HIGH SCHOOL **SWEEPS UST** WOLD LOGGING CO. INC. **SWEEPS UST** LEWIS UNION STATION **SWEEPS UST** UNION OIL BULK PLANT #0289 **SWEEPS UST** 

CDOT WEITCHPEC MAINTENANCE STN SWEEPS UST
CAL-PACIFIC LUMBER COMPANY - HOOPA RESPONSE, ENVIROSTOR, HIST

Cal-Sites

COPPER BLUFF MINE (BOLIVAR MINE)-H CERCLIS, FINDS MASONITE MILL MESCAT FIELD SITE CERCLIS, FINDS, INDIAN UST

MASONITE MILL MESCAT FIELD SITE CERC-NFRAP
FOOTBALL FIELD AREA DUMP SITE CERC-NFRAP
HAILSTONE ALLOTMENT CAMPBELL FLD H
CERC-NFRAP
PG&E HOOPA TRANSFORMER SUBSTA CERC-NFRAP

CALIFORNIA PACIFIC LUMBER MILL-HOO

BLUFF CREEK RESORT

CERC-NFRAP

LUST

CDOT WEITCHPEC MAINTENANCE STATION

BUSSELL'S HUPA CHEVRON

UNION OIL BULK PLANT #0289

HIST UST

UNION OIL SS #3996

HIST UST

PEARSON'S CROCERY

UNION OIL SCHOOL #0209

UNION OIL SS #3996

HIST UST

PEARSON'S GROCERY

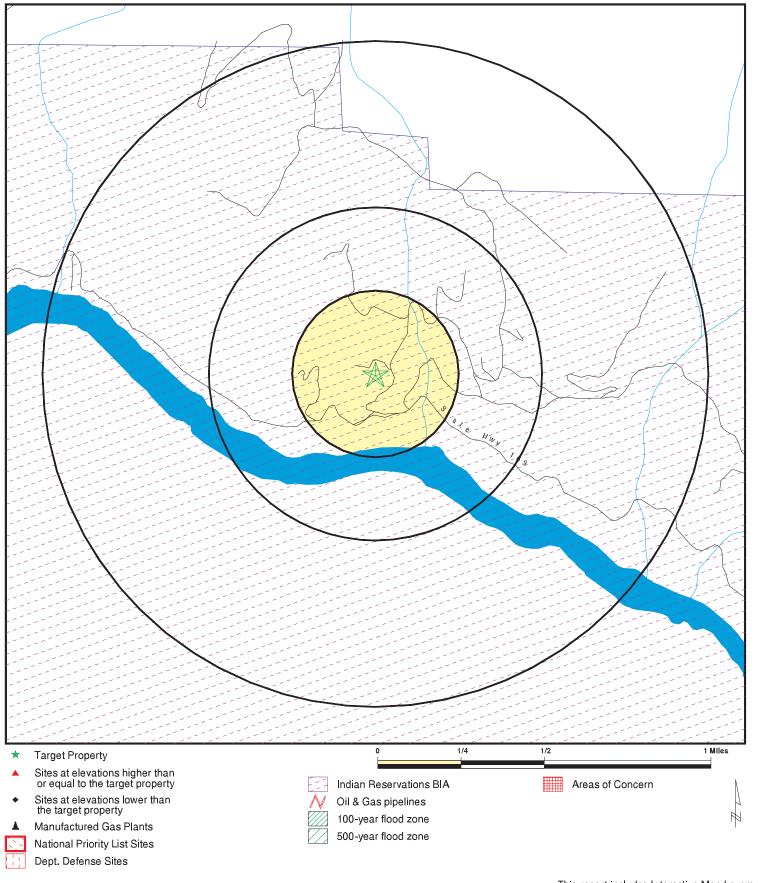
HOOPA SUBSTATION

CAL-PACIFIC LUMBER - HOOPA

CA BOND EXP. PLAN

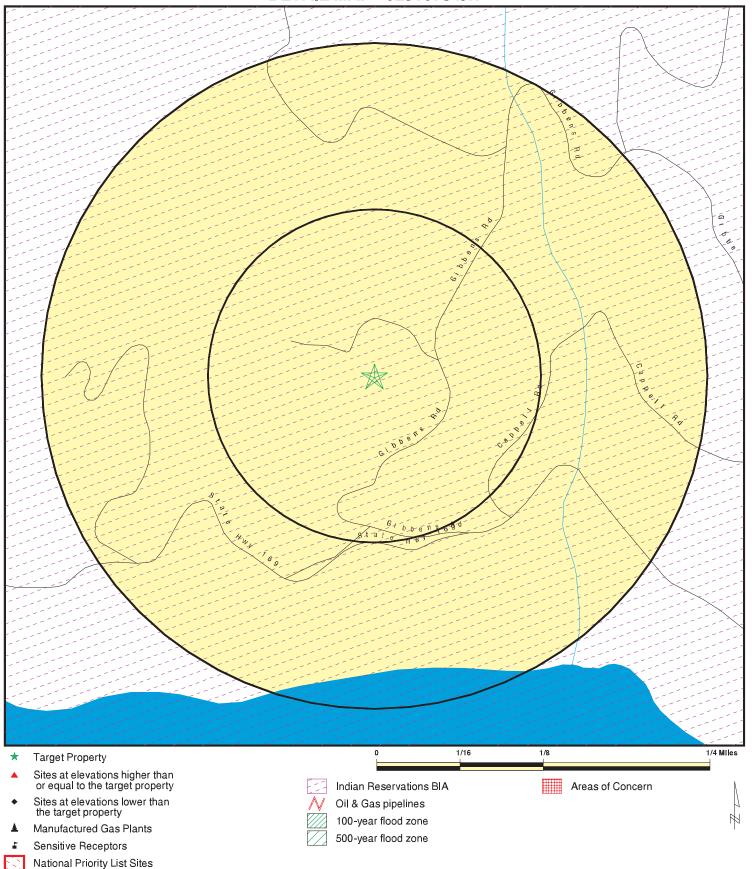
PATRIOT MINI MART AKA BP TIS-MIL S INDIAN UST CHESTER MACINTOSH AKA LEWIS UNION INDIAN UST CHESTER MACINTOSH AKA LEWIS UNION INDIAN LUST

# **OVERVIEW MAP - 02510734.1r**



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

# **DETAIL MAP - 02510734.1r**



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

Dept. Defense Sites

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	AL 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 site	e list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
Federal CERCLIS NFRAF	site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACT	S facilities li	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORI	RACTS TSD f	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	s 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 contendineering 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 - equival	lent NPL							
RESPONSE		1.000	0	0	0	0	NR	0
State- and tribal - equival	lent CERCLIS	3						
ENVIROSTOR		1.000	0	0	0	0	NR	0
State and tribal landfill at solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking s	torage tank l	ists						
LUST SLIC INDIAN LUST		0.500 0.500 0.500	0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
State and tribal registered storage tank lists									
UST AST INDIAN 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	
State and tribal voluntary cleanup sites									
VCP INDIAN VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0	
ADDITIONAL ENVIRONMEN	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	Solid								
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	s waste /								
US CDL HIST Cal-Sites SCH Toxic Pits CDL		TP 1.000 0.250 1.000 TP	NR 0 0 0 NR	NR 0 0 0 NR	NR 0 NR 0 NR	NR 0 NR 0 NR	NR NR NR NR NR	0 0 0 0	
Local Lists of Registered	l Storage Tan	ıks							
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 0	
Records of Emergency F	Release Repo	rts							
HMIRS CHMIRS LDS MCS		TP TP TP TP	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0	
Other Ascertainable Rec	ords								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0	

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	0	0	0	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	1	0	0	0	NR	1
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECOR	<u>DS</u>							
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 MAP FINDINGS Direction

Distance

Elevation Site Databa

EDR ID Number Database(s) EPA ID Number

IND RES YUROK INDIAN RESERVATION Region

INDIAN RESERV CIND100241 N/A

YUROK INDIAN RESERVATION (County), CA

< 1/8 1 ft.

INDIAN RESERV:

Feature: Indian Reservation
Name: Yurok Indian Reservation

Agency: BIA State: CA

#### ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HOOPA	S105024109	JACK NORTON ELEMENTARY SC	HWY 169	95546	HIST CORTESE
HOOPA	S105024110	PL	HWY 36	95546	HIST CORTESE
HOOPA	S105024111	K-T JUSD HOOPA HIGH SCHOO	HWY 36	95546	HIST CORTESE
HOOPA	1002850977	MASONITE MILL MESCAT FIELD SITE	HWY 96 ALLOTTMENT 265A 283-296	95546	CERC-NFRAP
HOOPA	1009393226	PATRIOT MINI MART AKA BP TIS-MIL S	HWY 96 AT ORCUTT WAY	95546	INDIAN UST
HOOPA	A100324003	HOOPA SUBSTATION	HWY 96	95546	AST
HOOPA	S100833258	CAL-PACIFIC LUMBER - HOOPA	ROUTE 96	95546	CA BOND EXP. PLAN
HOOPA	S105024112	BLUFF CREEK RESORT	HWY 96 WEITCHPEC	95546	HIST CORTESE
HOOPA	S105749938	CAL-PACIFIC LUMBER COMPANY - HOOPA	HWY 96	95546	RESPONSE, ENVIROSTOR, HIST Cal-Sites
HOOPA	S106716091	BLUFF CREEK RESORT	HIGHWAY 96 @ WEITCHPEC	95546	LUST
HOOPA	S106923436	BLUFF CREEK RESORT	HWY 96 RR	95546	
HOOPA	S106923681	BUSSELL'S HUPA CHEVRON	HIGHWAY 96	95546	
НООРА	S106928038	K-TJUSD CORPORATION YARD	HWY 96	95546	SWEEPS UST
НООРА	S106928039	K-TJUSD HOOPA ELEMENTARY SCHL	HIGHWAY 96	95546	SWEEPS UST
HOOPA	S106928040	K-TJUSD HOOPA HIGH SCHOOL	HIGHWAY 96	95546	SWEEPS UST
HOOPA	S106934555	WOLD LOGGING CO. INC.	HIGHWAY 96 NORTH	95546	SWEEPS UST
HOOPA	U001611957	BUSSELL'S HUPA CHEVRON	HWY. 96	95546	HIST UST
HOOPA	1000346338	COPPER BLUFF MINE (BOLIVAR MINE)-H	OFF HWY 96 IN NORTON FLD	95546	CERCLIS, FINDS
HOOPA	S106928660	LEWIS UNION STATION	W SIDE HIGHWAY 96	95546	SWEEPS UST
HOOPA	S106933390	UNION OIL BULK PLANT #0289	W SIDE HIGHWAY 96	95546	SWEEPS UST
HOOPA	U001611962	UNION OIL BULK PLANT #0289	WEST SIDE HIGHWAY 96	95546	HIST UST
HOOPA	U001611963	UNION OIL SS #3996	WEST SIDE HIGHWAY 96	95546	HIST UST
HOOPA	1009393160	CHESTER MACINTOSH AKA LEWIS UNION	STAR ROUTE 96	95546	INDIAN UST
HOOPA	1011843697	CHESTER MACINTOSH AKA LEWIS UNION	STAR ROUTE 96	95546	INDIAN LUST
HOOPA	U001611961	PEARSON'S GROCERY	WEITCHPEC ROUTE	95546	HIST UST
HOOPA VLY INDIAN RES	1003878567	FOOTBALL FIELD AREA DUMP SITE	HWY 96 ADJACENT TO TRINITY RIV	95546	CERC-NFRAP
HOOPA VLY INDIAN RES	1000339184	MASONITE MILL MESCAT FIELD SITE	HWY 96 ALLOTTMENT 265A 283-296	95546	CERCLIS, FINDS, INDIAN UST
HOOPA VLY INDIAN RES	1003878573	HAILSTONE ALLOTMENT CAMPBELL FLD H	HWY 96	95546	CERC-NFRAP
HOOPA VLY INDIAN RES	1003878575	PG&E HOOPA TRANSFORMER SUBSTA	HWY 96 N AGENCY FLD	95546	CERC-NFRAP
HOOPA VLY INDIAN RES	1003878571	CALIFORNIA PACIFIC LUMBER MILL-HOO	ST HWY 96	95546	CERC-NFRAP
WEITCHPEC	S106716454	CDOT WEITCHPEC MAINTENANCE STATION	ROUTE 169 NEAR HIGHWAY 96	95546	LUST
WEITCHPEC	S106924115	CDOT WEITCHPEC MAINTENANCE STN	HWY 169 3 MI W OF HWY 96	95546	SWEEPS UST

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: 02/02/2009 Source: EPA
Date Data Arrived at EDR: 02/12/2009 Telephone: N/A

Date Made Active in Reports: 03/30/2009 Last EDR Contact: 04/20/2009

Number of Days to Update: 46 Next Scheduled EDR Contact: 07/27/2009
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: 04/23/2009 Source: EPA
Date Data Arrived at EDR: 04/28/2009 Telephone: N/A

Number of Days to Update: 21 Next Scheduled EDR Contact: 07/27/2009
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: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

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

Date of Government Version: 02/02/2009 Date Data Arrived at EDR: 02/12/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 46

Source: EPA Telephone: N/A

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/27/2009 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: 01/09/2009 Date Data Arrived at EDR: 01/30/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 101

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 05/29/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Quarterly

#### 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: 12/03/2007 Date Data Arrived at EDR: 12/06/2007 Date Made Active in Reports: 02/20/2008

Number of Days to Update: 76

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009 Data Release Frequency: Quarterly

#### Federal RCRA CORRACTS facilities list

**CORRACTS: Corrective Action Report** 

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2009 Date Data Arrived at EDR: 04/02/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 39

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Transporters, 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/22/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 13

Source: Environmental Protection Agency Telephone: 703-603-0695

Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/22/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 12/31/2008 Date Data Arrived at EDR: 01/30/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 109

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 05/12/2009

Next Scheduled EDR Contact: 07/20/2009 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: 02/23/2009 Date Data Arrived at EDR: 02/24/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 43

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 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: 02/23/2009 Date Data Arrived at EDR: 02/24/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 43

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 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: 03/09/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Integrated Waste Management Board

Telephone: 916-341-6320 Last EDR Contact: 03/10/2009

Next Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Quarterly

#### State and tribal leaking storage tank lists

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: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009

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: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009 Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003 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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 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: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009 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: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001 Date Data Arrived at EDR: 02/28/2001 Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009
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: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 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: 04/20/2009

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

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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 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: 05/18/2009

Next Scheduled EDR Contact: 08/17/2008

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: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 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: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

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: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 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: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 05/26/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: 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: 12/15/2008 Date Data Arrived at EDR: 12/16/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 90

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/20/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 9

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Varies

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

Date of Government Version: 03/03/2009 Date Data Arrived at EDR: 03/04/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 26

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2008 Date Data Arrived at EDR: 12/03/2008 Date Made Active in Reports: 12/23/2008

Number of Days to Update: 20

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/20/2009

Next Scheduled EDR Contact: 08/17/2009 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: 03/13/2009 Date Data Arrived at EDR: 03/17/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 13

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Varies

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

Date of Government Version: 02/24/2009 Date Data Arrived at EDR: 03/03/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Semi-Annually

#### State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 36

Source: SWRCB Telephone: 916-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007 Date Data Arrived at EDR: 02/10/2009 Date Made Active in Reports: 04/14/2009

Number of Days to Update: 63

Source: State Water Resources Control Board

Telephone: 916-341-5712 Last EDR Contact: 05/29/2009

Next Scheduled EDR Contact: 07/27/2009 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: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Varies

#### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009 Date Data Arrived at EDR: 03/03/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 09/08/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 27

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 05/20/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 9

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Semi-Annually

### 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: 04/01/2008 Date Data Arrived at EDR: 12/30/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 76

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/22/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Varies

#### 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: 03/13/2009 Date Data Arrived at EDR: 03/17/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 13

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 03/03/2009 Date Data Arrived at EDR: 03/04/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 26

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/15/2008 Date Data Arrived at EDR: 12/16/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 90

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

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: 04/02/2008 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 1 Telephone: 617-918-1102 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 02/23/2009 Date Data Arrived at EDR: 02/24/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 43

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: Quarterly

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008 Date Data Arrived at EDR: 11/14/2008 Date Made Active in Reports: 12/23/2008

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 05/20/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Semi-Annually

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 03/25/2008 Date Data Arrived at EDR: 04/17/2008 Date Made Active in Reports: 05/15/2008

Number of Days to Update: 28

Source: EPA, Region 9 Telephone: 415-972-3336 Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

### 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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/07/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Quarterly

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

Date of Government Version: 04/07/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 34

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 06/08/2009

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: 05/26/2009

Next Scheduled EDR Contact: 08/24/2009

Data Release Frequency: Varies

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

#### 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: 07/01/2008 Date Data Arrived at EDR: 10/31/2008 Date Made Active in Reports: 12/23/2008

Number of Days to Update: 53

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/26/2009

Next Scheduled EDR Contact: 06/22/2009 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: 02/23/2009 Date Data Arrived at EDR: 02/24/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 43

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 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: 09/30/2008 Date Data Arrived at EDR: 10/06/2008 Date Made Active in Reports: 10/13/2008

Number of Days to Update: 7

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 05/22/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

#### 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: 04/07/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 37

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: Varies

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: 02/06/2009 Date Data Arrived at EDR: 03/20/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009 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: 03/09/2009

Next Scheduled EDR Contact: 06/08/2009 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: 02/13/2009 Date Data Arrived at EDR: 02/17/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 50

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009

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: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 43

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/16/2009

Next Scheduled EDR Contact: 07/13/2009 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: 12/31/2007 Date Data Arrived at EDR: 05/09/2008 Date Made Active in Reports: 06/20/2008

Number of Days to Update: 42

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Quality Control Board

Telephone: 866-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 05/14/2008 Date Data Arrived at EDR: 05/28/2008 Date Made Active in Reports: 08/08/2008

Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009

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: 703-692-8801 Last EDR Contact: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009 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: 12/31/2007 Date Data Arrived at EDR: 09/05/2008 Date Made Active in Reports: 09/23/2008

Number of Days to Update: 18

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 01/27/2009 Date Data Arrived at EDR: 04/23/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 18

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/21/2009

Next Scheduled EDR Contact: 07/20/2009

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: 04/23/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 21

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 01/05/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/08/2009

Number of Days to Update: 1

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009 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: 02/19/2009 Date Data Arrived at EDR: 03/24/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 03/24/2009

Next Scheduled EDR Contact: 06/22/2009 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: 12/31/2006 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 04/09/2009

Next Scheduled EDR Contact: 06/15/2009 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: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 04/14/2009

Next Scheduled EDR Contact: 07/13/2009 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: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009 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: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009 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: 12/31/2006 Date Data Arrived at EDR: 03/14/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 35

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 07/13/2009 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: 03/20/2009 Date Data Arrived at EDR: 03/20/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 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: 02/26/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 9

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009 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: 04/02/2009 Date Data Arrived at EDR: 04/24/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 25

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 04/28/2009 Date Data Arrived at EDR: 04/29/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/29/2009

Next Scheduled EDR Contact: 07/27/2009 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: 04/28/2009 Date Data Arrived at EDR: 05/01/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 18

Source: EPA Telephone: (415) 947-8000 Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 12/31/2007 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 05/22/2009

Number of Days to Update: 92

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/19/2009

Next Scheduled EDR Contact: 06/08/2009 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: 03/09/2009 Date Data Arrived at EDR: 03/13/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 26

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 03/13/2009

Next Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Quarterly

#### CA 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: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009 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). This listing is no longer updated by the state agency.

Date of Government Version: 04/20/2009 Date Data Arrived at EDR: 04/22/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 19

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 04/22/2009

Next Scheduled EDR Contact: 07/20/2009 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].

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

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

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: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 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: 05/06/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 4

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 04/17/2009

Next Scheduled EDR Contact: 03/30/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/24/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 17

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 04/24/2009

Next Scheduled EDR Contact: 07/20/2009

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: 12/31/2007 Date Data Arrived at EDR: 02/17/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 50

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009 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: 12/31/2006 Date Data Arrived at EDR: 10/16/2008 Date Made Active in Reports: 11/26/2008

Number of Days to Update: 41

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 04/17/2009

Next Scheduled EDR Contact: 04/13/2009 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: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009 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: 12/08/2008 Date Data Arrived at EDR: 12/09/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 97

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/26/2009

Next Scheduled EDR Contact: 08/10/2009

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: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009

Data Release Frequency: N/A

## **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: 04/24/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 13

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 16

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 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: 02/24/2009 Date Data Arrived at EDR: 02/25/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 42

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 05/26/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: Semi-Annually

## FRESNO COUNTY:

# **CUPA Resources List**

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/17/2009 Date Data Arrived at EDR: 04/17/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 24

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009 Data Release Frequency: Semi-Annually

# KERN COUNTY:

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

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 9

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 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: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A

Number of Days to Update: 0

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/26/2008 Date Data Arrived at EDR: 01/27/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 71

Source: Department of Public Works Telephone: 626-458-3517

Last EDR Contact: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/21/2009 Date Data Arrived at EDR: 04/21/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 20

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 05/12/2009

Next Scheduled EDR Contact: 08/10/2009 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: 03/10/2009

Next Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 02/11/2009 Date Data Arrived at EDR: 04/23/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 18

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/09/2009 Date Data Arrived at EDR: 02/17/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 51

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 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: 06/03/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/23/2009 Date Data Arrived at EDR: 02/24/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 44

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 05/26/2009

Next Scheduled EDR Contact: 08/10/2009 Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/05/2009 Date Data Arrived at EDR: 02/17/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 51

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 04/27/2009

Next Scheduled EDR Contact: 07/27/2009 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: 07/09/2008 Date Data Arrived at EDR: 07/09/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 22

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: Semi-Annually

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: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 03/02/2009 Date Data Arrived at EDR: 03/18/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 21

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 06/03/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/02/2009 Date Data Arrived at EDR: 03/27/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 12

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 06/03/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/02/2009 Date Data Arrived at EDR: 03/18/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 22

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 12/02/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

#### PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/27/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 13

Source: Placer County Health and Human Services

Telephone: 530-889-7312 Last EDR Contact: 04/03/2009

Next Scheduled EDR Contact: 06/29/2009 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: 04/14/2009 Date Data Arrived at EDR: 04/15/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 26

Source: Department of Public Health

Telephone: 951-358-5055 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 05/06/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 7

Source: Health Services Agency Telephone: 951-358-5055 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

#### Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/04/2009 Date Data Arrived at EDR: 04/29/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 12

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/29/2009

Next Scheduled EDR Contact: 07/27/2009 Data Release Frequency: Quarterly

#### ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/04/2009 Date Data Arrived at EDR: 04/29/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 12

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/29/2009

Next Scheduled EDR Contact: 07/27/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 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: 07/16/2008 Date Data Arrived at EDR: 10/29/2008 Date Made Active in Reports: 11/26/2008

Number of Days to Update: 28

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 04/03/2009

Next Scheduled EDR Contact: 06/29/2009 Data Release Frequency: Quarterly

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2008 Date Data Arrived at EDR: 12/23/2008 Date Made Active in Reports: 01/27/2009

Number of Days to Update: 35

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009

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: 01/22/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 8

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 03/31/2009

Next Scheduled EDR Contact: 06/29/2009 Data Release Frequency: Varies

#### 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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

#### **Underground Storage Tank Information**

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: 10/01/2008

Number of Days to Update: 12

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 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: 02/10/2009 Date Data Arrived at EDR: 02/25/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 43

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 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: 04/29/2009 Date Data Arrived at EDR: 05/01/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 10

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Annually

## Fuel Leak List

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

Date of Government Version: 04/07/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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: 12/29/2008 Date Data Arrived at EDR: 12/29/2008 Date Made Active in Reports: 01/27/2009

Number of Days to Update: 29

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

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

Number of Days to Update: 36

Source: City of San Jose Fire Department

Telephone: 408-277-4659 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 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: 03/23/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 34

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2009 Date Data Arrived at EDR: 04/10/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 34

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 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: 04/20/2009 Date Data Arrived at EDR: 04/21/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 20

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 04/20/2009

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

SUTTER COUNTY:

**Underground Storage Tanks** 

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009 Date Data Arrived at EDR: 04/02/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 7

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 03/30/2009

Next Scheduled EDR Contact: 06/29/2009 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: 02/26/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 8

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 03/10/2009

Next Scheduled EDR Contact: 06/08/2009 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: 08/01/2008 Date Data Arrived at EDR: 09/04/2008 Date Made Active in Reports: 09/18/2008

Number of Days to Update: 14

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 06/09/2009

Next Scheduled EDR Contact: 06/08/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 36

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Quarterly

# YOLO COUNTY:

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

Date of Government Version: 04/21/2009 Date Data Arrived at EDR: 05/06/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 8

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 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: 12/31/2006 Date Data Arrived at EDR: 12/11/2008 Date Made Active in Reports: 03/19/2009

Number of Days to Update: 98

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 03/13/2009

Next Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 05/05/2009 Date Made Active in Reports: 05/22/2009

Number of Days to Update: 17

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 05/05/2009

Next Scheduled EDR Contact: 08/03/2009 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: 01/27/2009 Date Data Arrived at EDR: 02/25/2009 Date Made Active in Reports: 03/12/2009

Number of Days to Update: 15

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 09/11/2008 Date Made Active in Reports: 10/02/2008

Number of Days to Update: 21

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 03/09/2009

Next Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 02/12/2009 Date Made Active in Reports: 03/11/2009

Number of Days to Update: 27

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 03/16/2009

Next Scheduled EDR Contact: 06/15/2009 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/22/2008 Date Made Active in Reports: 09/08/2008

Number of Days to Update: 17

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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: PennWell Corporation Telephone: (800) 823-6277

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fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 1999 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**

FORMER MILL SITE UPPER CAPPELL ROAD WEITCHPEC, CA 95546

## **TARGET PROPERTY COORDINATES**

Latitude (North): 41.27800 - 41° 16' 40.8" Longitude (West): 123.8053 - 123° 48' 19.1"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 432556.3 UTM Y (Meters): 4569719.0

Elevation: 480 ft. above sea level

## **USGS TOPOGRAPHIC MAP**

Target Property Map: 41123-C7 JOHNSONS, CA

Most Recent Revision: 1982

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 principle investigative components:

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

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

# **GROUNDWATER FLOW DIRECTION INFORMATION**

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

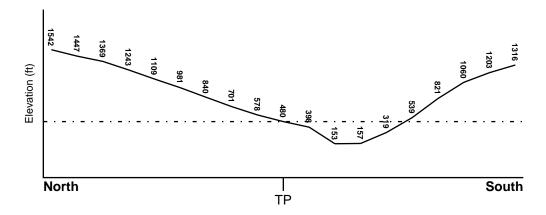
## **TOPOGRAPHIC INFORMATION**

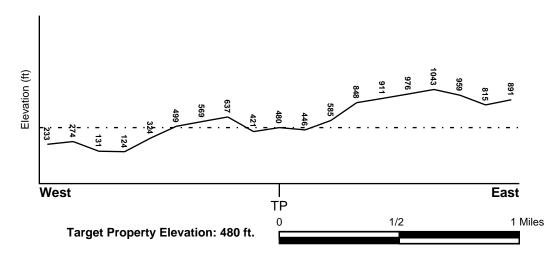
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## **HYDROLOGIC INFORMATION**

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

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

**FEMA FLOOD ZONE** 

FEMA Flood

Target Property County

Electronic Data

HUMBOLDT, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

0600000200B

Additional Panels in search area:

0600600200B

NATIONAL WETLAND INVENTORY

**NWI Electronic** 

NWI Quad at Target Property
TECTAH CREEK

Data Coverage

Not Available

## **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.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

## **GROUNDWATER FLOW VELOCITY INFORMATION**

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

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

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

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

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: MADONNA

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

Soil Layer Information										
	Воц	ındary		Classification						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)			
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 5.10			
2	7 inches	25 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 5.10			
3	25 inches	29 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00			

## OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: very gravelly - loam

gravelly - loam

Surficial Soil Types: very gravelly - loam

gravelly - loam

Shallow Soil Types: gravelly - loam

very gravelly - loam gravelly - sandy clay loam

Deeper Soil Types: weathered bedrock

very gravelly - sandy clay loam extremely gravelly - silty clay

cobbly - clay

# LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

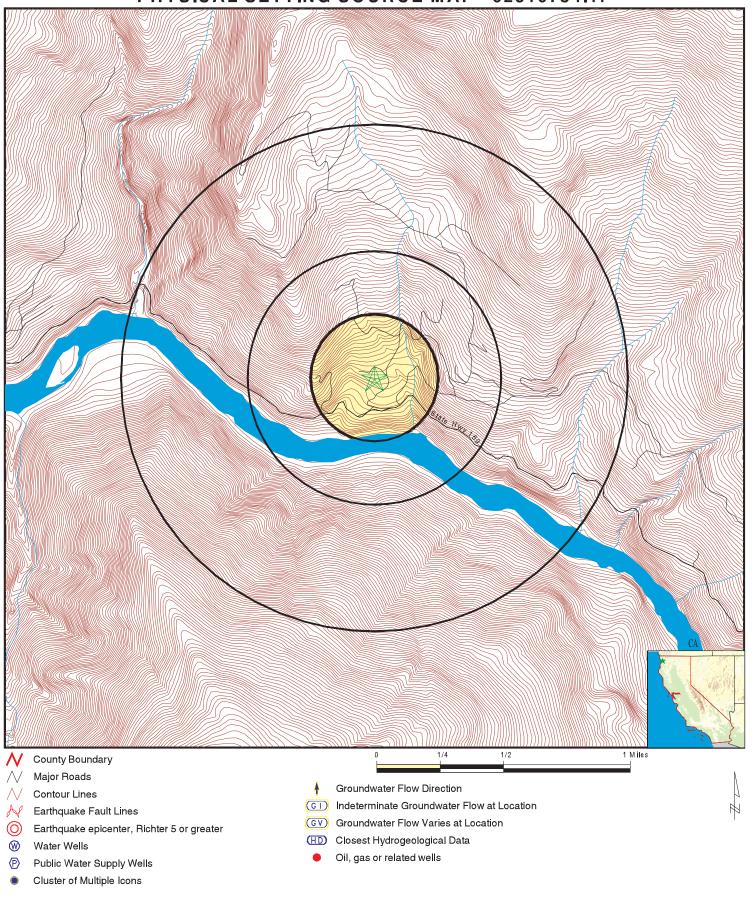
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

# PHYSICAL SETTING SOURCE MAP - 02510734.1r



SITE NAME: Former Mill Site ADDRESS: Upper Cappell Road CLIENT: Freshwater E CONTACT: Julie Savona Freshwater Environmental Service

Weitchpec CA 95546 41.2780 / 123.8053 INQUIRY #: 02510734.1r LAT/LONG:

June 04, 2009 7:19 am DATE:

# GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

# AREA RADON INFORMATION

Federal EPA Radon Zone for HUMBOLDT 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 HUMBOLDT COUNTY, CA

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.375 pCi/L	97%	3%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.900 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

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 1999 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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# APPENDIX D EDR AND OTHER HISTORICAL AERIAL PHOTOGRAPHS

# **Former Mill Site**

Upper Cappell Road Weitchpec, CA 95546

Inquiry Number: 2510734.4

June 05, 2009

# 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. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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# **Date EDR Searched Historical Sources:**

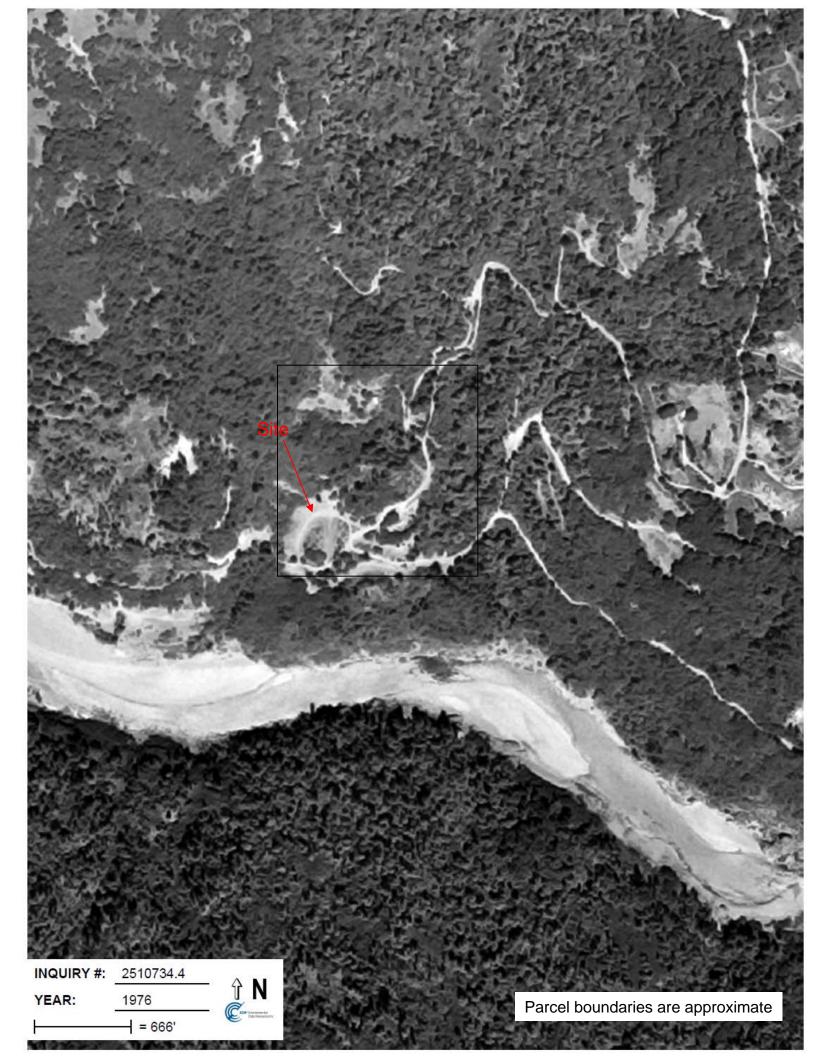
Aerial Photography June 05, 2009

# **Target Property:**

Upper Cappell Road Weitchpec, CA 95546

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1954	Aerial Photograph. Scale: 1"=555'	Flight Year: 1954	Clyde Sunderland
1976	Aerial Photograph. Scale: 1"=666'	Flight Year: 1976	NASA
1988	Aerial Photograph. Scale: 1"=666'	Flight Year: 1988	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
2005	Aerial Photograph. Scale: 1"=492'	Flight Year: 2005	EDR













Humboldt County, Public Works Department, 1948 Aerial Photograph (dated 6-22-48), Photo Number CDF2-17-147.



Humboldt County, Public Works Department, 1965 Aerial Photograph, (dated 9-4-65).

# APPENDIX E HISTORIC TOPOGRAPHIC MAPS

#### **Former Mill Site**

Upper Cappell Road Weitchpec, CA 95546

Inquiry Number: 2510734.3

June 04, 2009

# The EDR Historical Topographic Map Report



# **EDR Historical Topographic Map Report**

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

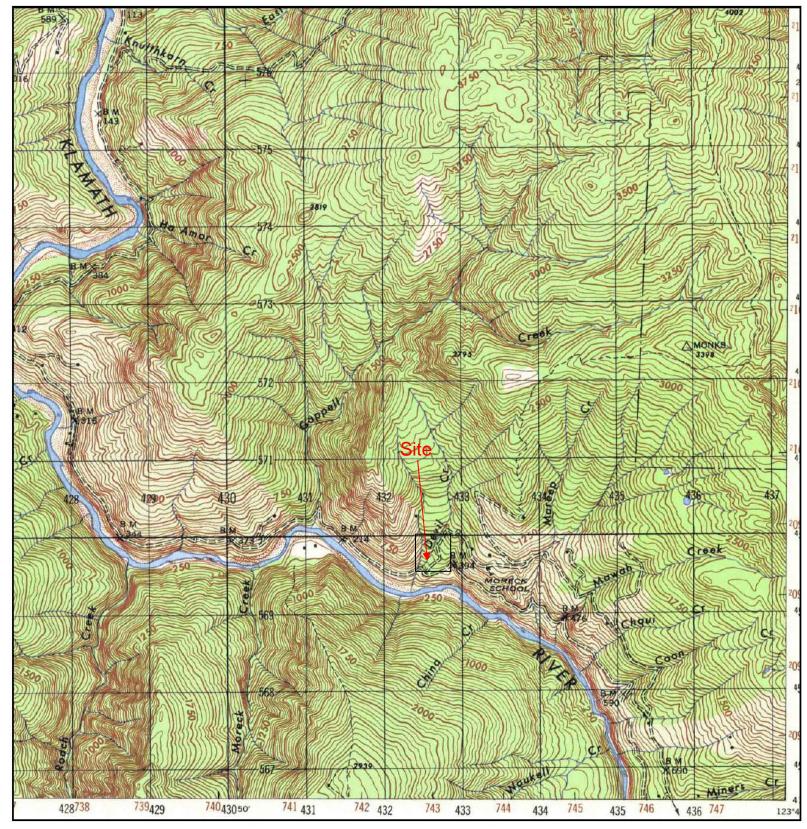
**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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# Parcel boundaries are approximate

N

TARGET QUAD

NAME: TECTAH CREEK

MAP YEAR: 1947

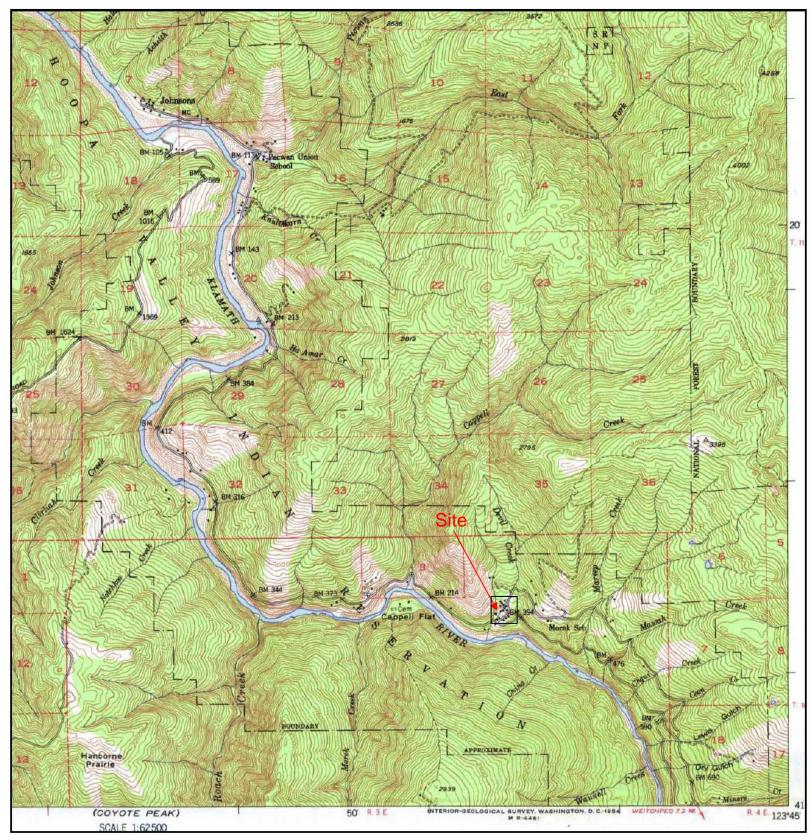
SERIES: 15 SCALE: 1:50000 SITE NAME: Former Mill Site

ADDRESS: Upper Cappell Road

Weitchpec, CA 95546

LAT/LONG: 41.278 / 123.8053

CLIENT: Freshwater Environmental Service



## Parcel boundaries are approximate

N

TARGET QUAD

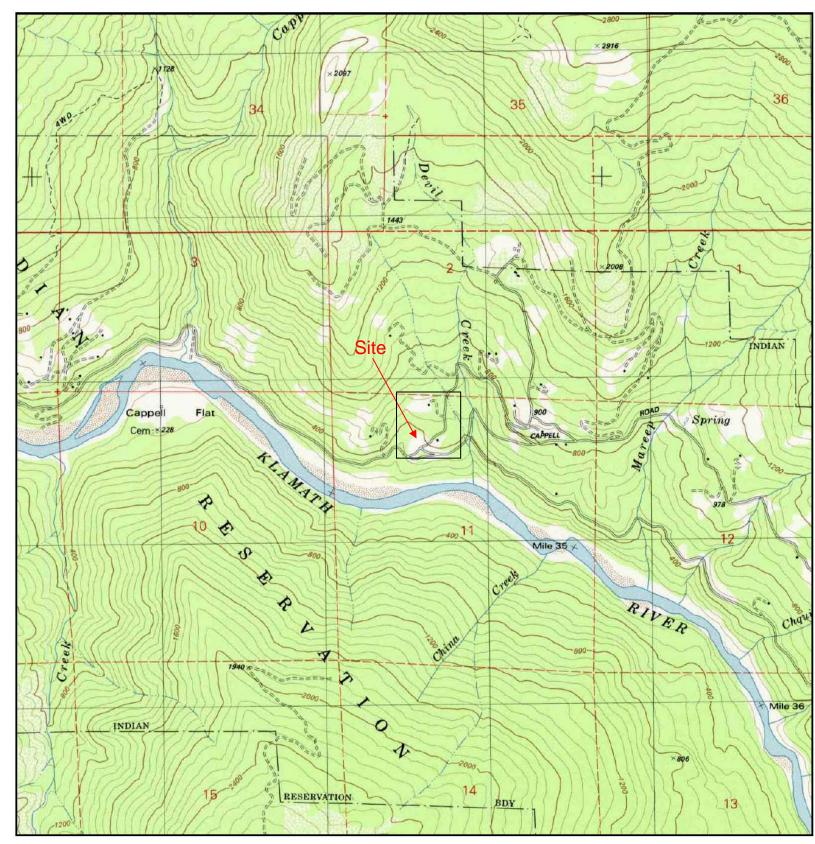
NAME: TECTAH CREEK

MAP YEAR: 1952

SERIES: 15 SCALE: 1:62500 SITE NAME: Former Mill Site

ADDRESS: Upper Cappell Road

Weitchpec, CA 95546 LAT/LONG: 41.278 / 123.8053 CLIENT: Freshwater Environmental Service



# Parcel boundaries are approximate

N

TARGET QUAD

NAME: JOHNSONS

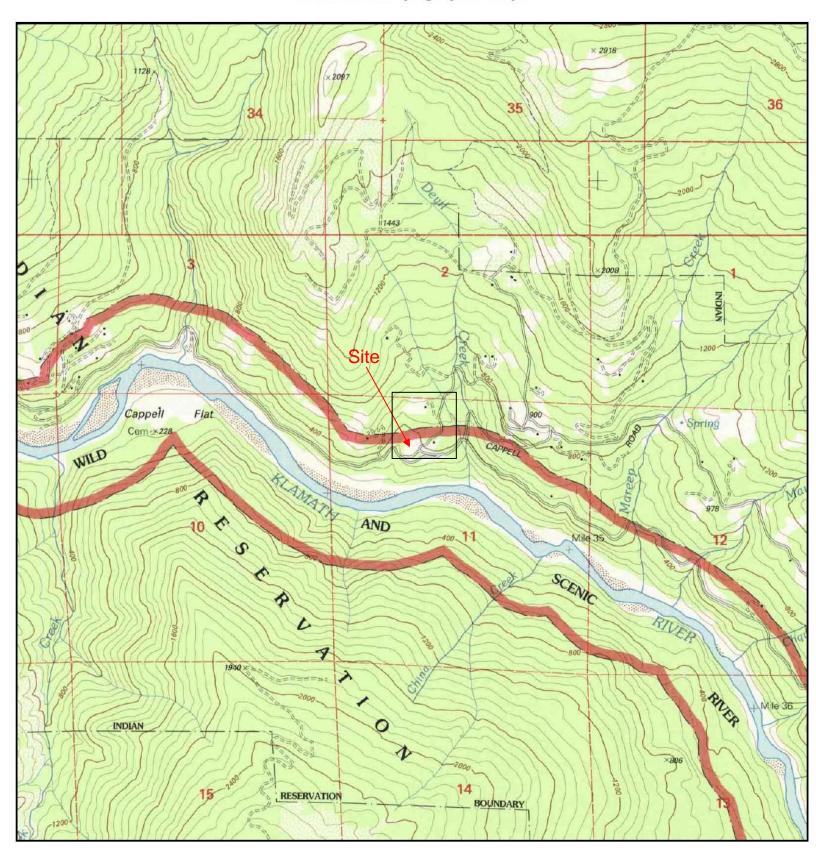
MAP YEAR: 1982

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Former Mill Site

ADDRESS: Upper Cappell Road Weitchpec, CA 95546

LAT/LONG: 41.278 / 123.8053

CLIENT: Freshwater Environmental Service





TARGET QUAD

NAME: JOHNSONS MAP YEAR: 1997

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Former Mill Site

ADDRESS: Upper Cappell Road Weitchpec, CA 95546

LAT/LONG: 41.278 / 123.8053

CLIENT: Freshwater Environmental Service

# APPENDIX F SANBORN FIRE INSURANCE MAPS NO COVERAGE SEARCH DOCUMENTATION

## **Former Mill Site**

Upper Cappell Road Weitchpec, CA 95546

Inquiry Number: 2510734.2

June 04, 2009

# **Certified Sanborn® Map Report**



# **Certified Sanborn® Map Report**

6/04/09

Site Name: Client Name:

Former Mill Site Freshwater Environmental Upper Cappell Road 1372 Anderson Avenue Weitchpec, CA 95546 McKinleyville, CA 95519

EDR Inquiry # 2510734.2 Contact: Julie Savona



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Freshwater Environmental Service 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: Former Mill Site

Address: Upper Cappell Road

City, State, Zip: Weitchpec, CA 95546

**Cross Street:** 

P.O. # NA Project: Yurok

Certification # 2A60-4CB3-BDB1



Sanborn® Library search results Certification # 2A60-4CB3-BDB1

#### 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

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# APPENDIX G SITE PHOTOGRAPHS



View of Subject Property



**Looking towards Cappell Road from Subject Property** 



**Abandoned vehicle on Subject Property** 



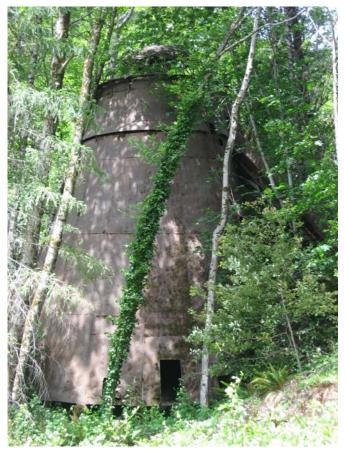
Discarded gas tanks near abandoned vehicle



Discarded battery near abandoned vehicle



Discarded washing machines on Subject Property



Conical burner



Washed out surface under conical burner



Burner inside conical burner



Discarded drums behind conical burner

# APPENDIX H QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

#### **ORRIN W. PLOCHER**

Project Geologist

#### **EDUCATION**

MS, Geology, University of Iowa, 1990 BS, Geology, University of Iowa, 1986

#### **EXPERIENCE SUMMARY**

Mr. Plocher has over 16 years of professional experience in hydrogeology, environmental investigation, stormwater management projects and remediation, project and program management, and litigation support. Mr. Plocher has specialized in the area of due diligence investigations (Phase I and II Environmental Site Assessments) and has published and presented in the area of environmental site assessments, compliance audits, and the impact of the ASTM standards on the commercial property transfer process since 1995.

#### PROJECT EXPERIENCE

- Work Plan for Additional Assessment of the Town of Samoa (Brownfields Site). Prepared work plan for additional assessment of the Town of Samoa Brownfields site. Preparation of the work plan included review and summary of previous investigations including a Phase I ESA under the Federal Brownfields program, and two iterations of Phase II ESAs. The work plan that was approved by the Regional Water Quality Control Board included the delineation of impacted soil and groundwater in 10 different areas of interest.
- Additional Soil and Groundwater Assessment of the Town of Samoa (Brownfields Site). Currently performing additional assessment of soil and groundwater at 10 areas of interest in the Town of Samoa, California. The assessment includes drilling and sampling of 49 borings. Most work is being conducted with hand augers and includes the installation and sampling of 38 temporary wells. Some of the hand-augered temporary wells were in excess of 20 feet below ground level.
- Phase I Environmental Site Assessment Current/Former Lumber Mill Sites. Performed a Phase I ESA on a mulit-parcel 30 acre lumber site that included several overlapping generations of lumber mill development. The configuration of several of the older mill operations were only known through interpretation of historic aerial photographs. Historic aerial photographs were used with GIS to prepare a figure that represented all of the recognized environmental conditions on a single graphic. Developed scope of work and budget for a Phase II ESA at the site.
- Dioxin Assessment/Cleanup and Case Closure at Former Lumber Mill Site. Developed work plans for two iterative phases of soil and groundwater assessments of several areas in a former mill site that were approved by the Regional Water Quality Control Board. The location of the former lumber mill features were determined through the interpretation of historic aerial photographs. Investigations concluded the presence of dioxin impacted soil over the applicable screening level in the area of the former teepee burner. Coordinated the excavation and disposal of dioxin-impacted soils resulting in a case closure from the California Regional Water Quality Control Board.
- Underground Storage Tank Investigation and Case Closure. Performed a soil and groundwater assessment of an underground storage tank site under a work plan approved by the Humboldt County Division of Environmental Health Assessment. The investigation resulted in a case closure by Humboldt County and concurrence by the California Regional Water Quality Control Board.

- Public Meetings for County-Wide Disaster Mitigation Planning. Conducted public meeting at three locations, including Smith River, Hiouchi and Klamath, California, to present the progress of the county-wide Disaster Mitigation Planning effort and to seek input from the communities regarding known natural hazards that have not been accounted for in the planning process. Questionnaires were distributed to all attendees regarding personnel knowledge and or experience with natural disasters. Information gathered was incorporated into the risk assessment and will be incorporated into the plan.
- groundwater and Storm Water Monitoring at a Former Lumber Mill Site. Performed quarterly groundwater monitoring and reporting at a large former lumber mill site in Humboldt County. The groundwater monitoring was completed in compliance with a monitoring and reporting program (MRP) issued by the California Regional Water Quality Control Board. The primary area of concern for groundwater monitoring is the former green-chain where wood preservatives containing dioxins were applied to the lumber and remain in the groundwater. Prepared and implemented Storm Water Pollution Prevention Plan including the seasonal sampling and reporting of storm water runoff from the former mill property. Ongoing groundwater and storm water monitoring are both required as part of a Department of Toxic Substances Control (DTSC) order.
- Sediment Sampling and QA/QC. Performed sediment sampling in Humboldt Bay prior to maintenance dredging that took place in 2007. Sediment sampling was conducted at all dredging locations to a maximum depth of 10 feet below the sediment interface. Coordinated QA/QC of sampling, sample handling and laboratory data. Samples were analyzed for dioxins and furans. Sampling was conducted with an AMS multi-stage core sampler with various core tips based on the sediments encountered.
- Sediment Sampling. Performed multiple rounds of sediment sampling on the mudflats adjacent to a Eureka Industrial site. Sampling was preformed to delineate the vertical and horizontal extent of impacted sediments. Contaminants that were investigated included metals and PCBs. Various sampling techniques were used to accomplish the sampling.
- Sediment Sampling. Performed sediment sampling along the length of the Salt River near Ferndale, California for Humboldt County Department of Public Works. The sampling was preformed to determine the physical and chemical characteristics of sediments proposed to be removed during the Salt River Ecosystem Restoration Project. Contaminants that were investigated included dioxins/furans, volatile organic compounds, metals and PCBs. Hand auguring was used to accomplish the sampling.
- Compliance Management / RCRA Underground Storage Tanks. Developed underground storage tank management program for a large petroleum company operating 312 retail facilities in 12 states. This project involved the creation of a compliance database application that allowed asset management of tanks and equipment. Based on the specific tanks and equipment at a site, the system generated site specific testing and record keeping requirements and resulted in a corporate-wide scheduling and coordination of testing services. As a third-party compliance manager, services included responding to all regulatory issues including resolution of notice of violations.
- Underground Storage Tank Removal. Developed and implemented work plan for the removal of an underground storage tank at an active saw mill in Arcata, California. Work included permitting with Humboldt County, coordination of excavation, tank cleaning and tank disposal. Soil samples were collected and a tank closure report was prepared. Coordinated disposal of all investigation derived wastes.
- Stormwater Monitoring and BMP Inspection. Performed stormwater monitoring including sampling and reporting at a former metal recycling facility. Stormwater sampling was performed at sampling stations that were located and designed to evaluate the condition of stormwater generated onsite, storm water received from offsite sources and receiving waters. Stormwater analytical data was used to determine the effectiveness of BMPs which were modified based on analytical results. Construction, routine inspection and maintenance of sampling stations. Construction, routine inspection, and maintenance and enhancement of BMPs to protect the quality of sensitive receiving waters. Coordinated permitting and application of a soil binding agent to reduce sediment and contaminants in stormwater.

- Stormwater Monitoring and BMP Inspection. Performed stormwater monitoring including sampling and reporting at an abandoned railroad maintenance yard. Stormwater sampling was performed at sampling stations that were located and designed to evaluate the condition of stormwater generated onsite, stormwater received from offsite sources and receiving waters. Stormwater analytical data was used to determine the effectiveness of BMPs and BMPs which were modified based on analytical results. Routine inspection and maintenance of sampling stations. Routine inspection, maintenance and enhancement of BMPs.
- Investigation and Remediation, Soil Excavation. Coordinated and managed the excavation of pentachlorophenol (PCP) and tetrachlorophenol (TCP) containing soils and woody debris from under a former dip-tank in an active sawmill. Activities included concrete and soil removal performed in Level-B protective equipment. The activity resulted in the removal of over 180 cubic yards of impacted soil and concrete material. Groundwater pumped from the excavation was stored in chemical totes totaling 1700 gallons. The project included ambient air monitoring for dioxins and furans and dust monitoring.
- Investigation and Remediation, Soil Excavation. Coordinated and managed the excavation of tetrachloroethene (PCE) containing soils at an active pulp mill. The activity resulted in the removal of over 60 cubic yards of impacted soil. The excavation resulted in significant contaminant reduction in the area of the excavation. This investigation included in the placement of a down gradient monitoring well which will be used to monitor groundwater for PCE.
- Investigation and Assessment, Soil and Groundwater Assessment. Coordinated and managed a soil and groundwater assessment at an active pulp mill following an underground release of sodium hydroxide. The assessment included sampling of groundwater from existing monitoring wells and the sampling of soil and groundwater with direct-push techniques. The assessment resulted in the delineation of an area of soil and groundwater with elevated pH values.
- Project Management and Photo-Simulations. Coordinated and managed the generation of computer generated photo-simulations of a proposed liquefied natural gas (LNG) facility. The process included photographing the proposed project site from several public-viewing points. A 3-dimentional CAD model was then projected onto the photographs by knowing the exact location and elevation of the photographs. Through application of various computer techniques the result is a near to life rendering of what the facility will look like when full constructed. The client used the photo-simulations as they introduced the proposed project to public and private groups.
- Due Diligence Phase I Environmental Site Assessments / Portfolio Review. Coordinated and managed Phase I Environmental Site Assessments (ESAs) of 35 properties involved in a regional bank acquisition. Properties were assessed following the ASTM standard and included the assessment of asbestos containing building materials. Due to the large number and geographic distribution of the sites a team of several environmental professionals from several offices were coordinated to perform site inspection, records reviews and report preparation. As a result of the Phase I ESAs, several sites proceeded to Phase II ESAs some of which encountered soil and groundwater contamination over acceptable limits.
- Due Diligence Phase I ESA / Portfolio Review. Coordinated and managed Phase I ESAs of 48 properties involved in a regional bank acquisition. Properties were assessed following the ASTM standard and included the assessment of asbestos containing building materials. Due to the large number and geographic distribution of the sites a team of several environmental professionals from several offices were coordinated to perform site inspection, records reviews and report preparation. As a result of the Phase I ESAs, several sites proceeded to Phase II ESAs some of which encountered soil and groundwater contamination over acceptable limits.
- Due Diligence Phase I ESA / Portfolio Review. Coordinated and managed Phase I ESAs of 9 properties involved in a funeral home acquisition. Properties were assessed following the ASTM

standard. As a result of the Phase I ESAs several sites proceeded to Phase II ESAs some of which encountered soil and groundwater contamination over acceptable limits.

- Due Diligence Phase I ESA/ Phase II ESA and Regulatory Compliance Audit. Performed a Phase I ESA and Phase II ESA of a tanning facility for a lender prior to foreclosure. Following the results of the site assessments focus was turned to regulatory and compliance issues related to waste and wastewater management practices.
- Litigation Support and Phase I / II ESAs, Veterinary Pharmaceutical Manufacturer. Performed a Phase I and II ESA on a 35-acre industrial site involved in the manufacturing of veterinary pharmaceuticals. The soil and groundwater of the property was found to be impacted by petroleum hydrocarbons potentially sourced from several small underground storage tanks previously located onsite and from a large pipeline terminal and bulk facility adjacent to the site. Several rounds of drilling, sampling, and analysis were performed to delineate sources of petroleum. This information and additional information was used in lawsuit between the neighboring properties in a case involving diminished property value.
- Litigation Support, Hog Confinement Operation. Performed basic geologic research regarding the
  potential impact of large-scale hog confinement operations on an adjacent watershed. Information
  generated supported the long-term potential impact of these operations on the specific watershed
  investigated. Provided support and information that lead to systematic sampling of surface water to
  demonstrate impact.
- Compliance Management / RCRA / Underground Storage Tanks. Developed underground storage tank management program for a large petroleum company operating at 312 retail facilities in 12 states. This project involved the creation of a compliance database application that allowed asset management of tanks and equipment. Based on the specific tanks and equipment at a site the system generated site specific testing and records keeping requirements. The compliance system generated site-specific directions for tank testing and data collection and resulted in a corporate-wide scheduling and coordination of testing services. As a third-party compliance manager, it included responding to all regulatory issues including resolution and negotiation of notice of violations.

#### **PUBLICATIONS**

lowa State Bar Association Environmental Newsletter (March, 1996). The Impact of ASTM Standard Practices on the Transfer of Commercial Properties.

#### **PRESENTATIONS**

4th Annual Iowa Governor's Safety Conference (November 14, 1995). Environmental Compliance Audits, Phase I/II Environmental Site Assessments.

Advanced Real Estate Law in Iowa (National Business Institute, June, 5, 1996). *Conducting Environmental Site Assessment—How to Do it Right.* 

4th Annual Occupational Health & Safety Conference (April 16, 1997). Environmental Compliance Audits.

Iowa State Bar Association, Environmental & Natural Resources Law Seminar (1997) Consultants View of RBCA Practices.

#### PROFESSIONAL EMPLOYMENT HISTORY

Project Geologist, Freshwater Environmental Services, 2007 to present Project Geologist / Office Manager, Tetra Tech, 2002 to 2007 Branch Manager, Seneca Environmental Services, 1992 to 2002 Geologist, Iowa Geological Survey Bureau, 1984 to 1992 Geology Instructor, St. Ambrose College, 1989



# **Freshwater Environmental Services**

### STAN THIESEN, PG

Geologist

#### **REGISTRATIONS/CERTIFICATIONS**

Professional Geologist: California (#7990) Registered Geologist: Oregon (#G2127)

#### **EDUCATION**

BA, Geology, Humboldt State University, 1984 Geology Graduate work, 33 semester hours, Humboldt State University

#### **EXPERIENCE SUMMARY**

Mr. Thiesen has 15 years of experience in geological investigations, and environmental consulting. His experience includes geologic and geomorphic mapping, air photo interpretation, geographic information system (GIS), hydrology, environmental permitting, photographic documentation, and mineral exploration.

#### **PROJECT EXPERIENCE**

Site Investigation

- Additional Soil and Groundwater Assessment of the Town of Samoa (Brownfields Site). Currently
  performing additional assessment of soil and groundwater at 10 areas of interest in the Town of Samoa,
  California. The assessment includes drilling and sampling of 49 borings and converting some to
  temporary well points.
- Work Plan for Additional Assessment of the Town of Samoa (Brownfields Site). Prepared work plan for additional assessment of the Town of Samoa Brownfields site. Preparation of the work plan included review and summary of previous investigations including a Phase I ESA under the Federal Brownfields program, and two iterations of Phase II ESAs.
- Phase I Environmental Site Assessment Current/Former Lumber Mill Sites. Performed a Phase I ESA for a large former lumber mill site that included several generations of mill activities. The configuration of several of the older mill operations were established through interpretation of historic aerial photographs. Historic aerial photographs were geo-referenced in a Geographic Information System (GIS) to provide a single graphic that showed the generations of mill facilities.
- Dioxin Assessment/Cleanup and Case Closure at Former Lumber Mill Site. Developed work plans for two phases of soil and groundwater assessment of several areas at a former mill site that was approved by the Regional Water Quality Control Board. The location of the former lumber mill features were determined through the interpretation of historic aerial photographs. Investigations concluded the presence of dioxin impacted soil over the applicable screening levels in the area of the former teepee burner. Coordinated the excavation and disposal of dioxin impacted soils resulting in a case closure from the California Regional Water Quality Control Board.
- Underground Storage Tank Investigation and Case Closure. Performed a soil and groundwater investigation of an underground storage tank site. The assessment resulted in case closure by the Humboldt County Division of Environmental Health and concurrence by the California Regional Water Quality Control Board.
- Phase I Environmental Site Assessment, Northern California. Conducted a Phase I ESA for an unpermitted disposal site adjacent to a former Department of Defense site. The project included researching historical aerial photos, interviews of individuals, and a field visit.

- Stormwater Monitoring and BMP Inspection. Performed stormwater monitoring including sampling and reporting at a former metal recycling facility. Stormwater sampling was performed at sampling stations that were located and designed to evaluate the condition of stormwater generated onsite, stormwater received from offsite sources and receiving waters. Stormwater analytical data was used to determine the effectiveness of BMPs which were modified based on analytical results. The project also included the construction of the sampling stations, routine inspections, and maintenance.
- Stormwater Monitoring and BMP Inspection. Performed stormwater monitoring including sampling and reporting at an abandoned railroad maintenance yard. Stormwater sampling was performed at sampling stations that were located and designed to evaluate the condition of stormwater generated onsite, stormwater received from offsite sources and receiving waters. Stormwater analytical data was used to determine the effectiveness of BMPs which were modified based on analytical results. The project also included routine inspections and maintenance of the sampling stations.
- Site Characterization, Northern California. Prepared a work plan for additional site characterization at an industrial facility to further delineate the extent of soil and groundwater contamination from constituents including: dissolved metals, chlorinated solvents, sodium hydroxide, and petroleum hydrocarbons. The project involved locating and supervising borings to collect soil and groundwater samples. Wrote the report that included an evaluation of the lateral and vertical extent of constituents that exceeded the water quality objectives set by the regulatory agency.
- Landfill Monitoring, Northern California. Conducted quarterly groundwater monitoring at a closed wood waste facility. Performed annual differential settlement inspections and annual erosion control inspections. Wrote quarterly and annual reports evaluating changes in concentrations of analytes.
- Groundwater Monitoring, Northern California. Conducted semiannual groundwater monitoring at a large industrial facility. The project included writing semiannual reports evaluating changes in the concentrations of analytes.
- **Site Investigation, Northern California.** Conducted a field investigation at a wastewater treatment plant to determine whether petroleum hydrocarbons were present near the location of an underground storage tank. The project involved locating and supervising six borings to collect soil and groundwater samples in and area designated for plant expansion.
- UST Removal and Soil Excavation, Northern Oregon. Supervised the removal of two USTs and the
  excavation of petroleum-impacted soils. Was also responsible for supervising the installation of
  temporary supports for the canopy so that soils could be excavated beneath the fuel dispenser islands.

#### Geologic and Geomorphic Mapping

- Panoche/Silver Creek Watershed CRMP, Central California. Air photo interpretation of mass wasting and erosion features including field verification for several large watersheds on the west side of the San Joaquin Valley. The project included the evaluation of sediment sources and source areas containing selenium and asbestos using GIS. Wrote several watershed assessment reports analyzing the natural and human influences on the watersheds.
- The Pacific Lumber Company, Humboldt County, California. Inventoried landslides on industrial timberlands in northern California as part of a monitoring program to assess management implications of landslides that occur after major precipitation events. Developed standard operating procedures and a landslide inventory form for the project.
- The Pacific Lumber Company, Van Duzen Watershed, Humboldt County, California. Conducted air photo interpretation of recent through relict landslides, field verification of interpretation, analysis of landslide data, and final report writing for watershed analysis. Developed maps that showed the relative potential landslide hazard based on the air photo interpretation and other information.
- Six Rivers National Forest, Northern California. Geologic and geomorphic mapping for the Six Rivers National Forest, California. Included mapping bedrock geology and geomorphic features at 1:24,000,

field verification of contacts and features, drafting of maps, editing and attribution of maps in a GIS, writing reports on the significance of geology to forest issues, and analysis of relations between geology, soils, and vegetation.

#### Geographic Information System (GIS) Analysis

- Humboldt County Public Works, Northern California. Digitized selected stormwater features from subdivision maps.
- Panoche/Silver Creek Watershed CRMP, Central California. Created GIS-based maps of mass
  wasting and erosion features for several large arid watersheds on the west side of the San Joaquin
  Valley. Digitized geologic maps for use in watershed assessment.
- Trinidad Rancheria, Humboldt County, California. Provided GIS support for several water quality projects.
- Six Rivers National Forest, Northern California. Created digital geology coverage for the four northern National Forests in California. Project involved: scanning, registering, projecting, and on-screen digitizing of existing geologic maps using ARC/INFO.
- National Forest Roads Analysis Support Team. Researched the feasibility of using GIS for evaluating road risk on the National Forest road system. Contributed 80 pages of text and graphics to the National Forest Roads Analysis Report (Miscellaneous Report FS-643, 1999).

#### Environmental Permitting

- Samoa Townsite EIR, Humboldt County, California. Wrote the geologic hazard section of an Environmental Impact Report for a proposed commercial and residential development.
- County of Del Norte, Northern California. Developed CEQA document and permits for replacement of a public boat launching facility on the Klamath River in northern California.

#### Photographic Documentation

- Confidential, Northern California. Provided reference photographs from Key Observable Points for a photo simulation of a large industrial facility in northern California.
- Panoche/Silver Creek Watershed CRMP. Created a photographic database for use in assessing current conditions in large watersheds in the Coast Ranges of Central California.

#### Mineral Exploration

Asamera Minerals (U.S.), Reno, Nevada. Field geology for precious metal exploration in Nevada and California. Explored for gold in the Tertiary volcanics of western Nevada and in Paleozoic carbonates and clastic rocks of eastern California. Was responsible for geologic mapping at scales from 1"=20' to 1"=1000', underground mapping and sampling, surface geochemical sampling, geophysical surveying with a portable magnetometer/VLF instrument and drafting of maps and cross sections. Worked for six months field logging reverse circulation drill holes and supervising drilling operations on truck mounted and heli-portable drill rigs.

#### Instruction

Humboldt State University, Arcata, California. Taught field geology for the 1993 Humboldt State University Advanced Field Mapping course in the Inyo Mountains of eastern California; taught introductory geology lab at Humboldt State University.

#### **CONTINUING EDUCATION**

Engineering Geology for Timber Harvesting, Wildland Management and Watershed Restoration, Eureka, California, 2002.

CEQA Basics Workshop, Redding, California, 2002.

#### **PUBLICATIONS**

Tetra Tech., 2002. Van Duzen River Watershed Analysis, Mass Wasting Assessment, public review draft, July 2002 (primary contributor to mass wasting module).

USDA Forest Service. 1999. Roads analysis: Informing decisions about managing the National Forest transportation system. Miscellaneous Report FS-643. August 1999. Washington, DC: U.S. Dept. of Agriculture, Forest Service; 222 p.

#### PROFESSIONAL EMPLOYMENT HISTORY

Geologist, Freshwater Environmental Services, 2007 to present

Geologist, Tetra Tech, 2001 to 2007

Geologist, SHN Consulting Engineers and Geologist, 2000 to 2001

Geologist, Contracted with Six Rivers National Forest, 1999 to 2000

Researcher, National Forest Roads Analysis Support Team, 1998 to 1999

Geologist, Six Rivers National Forest, 1994 to 1998

Geologist, Redwood National Park, 1994

Field Assistant, Hoopa Valley Indian Reservation, 1993

Instruction, Humboldt State University, 1993

Carpenter, GraceCo Construction, 1989 to 1993

Geologist, Asamera Minerals (U.S.), 1987 to 1989

#### **JULIE SAVONA**

Project Geologist

#### **EDUCATION**

BA, Geology and English, University of Iowa, 1999

#### **EXPERIENCE SUMMARY**

Mrs. Savona has 10 years of professional experience in hydrogeology, environmental investigation, stormwater management projects and remediation, and project and program management.

#### PROJECT EXPERIENCE

Site Assessments. Performed property transfer consulting including the preparation of Phase I Environmental Site Assessments (ESAs) following ASTM-E1527, 1997, 2000, 2005 and All Appropriate Inquiries (AAI) under the Small Business Relief and Brownfields Revitalization Act of 2002. Properties evaluated have included multiple commercial facilities, sawmills, dry cleaners, vehicle maintenance facilities, and others. Projects have been performed in multiple states across the United States.

- Site Investigations. Performed field activities for soil and groundwater sampling and analyses for Phase II Environmental Site Assessments following ASTM-E1903, 1997. Work performed included proposal writing, field work, report writing, and lab results interpretation in various states throughout the United States.
- Site Assessments. Performed various types of projects for wireless industry to aid in the building of towers. Work included Phase I ESAs, Phase II ESAs, NEPA surveys, and subcontracting geotechnical investigations, archaeological surveys and architectural surveys. Included extensive interaction with clients and regulatory agencies. Projects also involved keeping an organized database to track the status of numerous projects occurring simultaneously and have been performed in multiple Midwestern States and California.
- NEPA Compliance. Performed NEPA Surveys to satisfy 47 CFR Subpart 1 and SHPO investigations to satisfy Section 106 Compliance for the building of cellular towers. Work performed included extensive client interaction, report writing and subcontracting. Projects performed were in multiple Midwestern states and California.
- Site Assessments. Performed property transfer consulting for Pacific Lumber Company (PALCO) at the Scotia Elementary School and Recreation Center in Scotia, California. Project included the preparation of Phase I ESAs including lead based paint sampling in soil and supplemental information as recommended by the DTSC document entitled "Phase I Environmental Site Assessment Advisory: School Property Evaluations" Revised September 5, 2001 (DTSC, 2001) in accordance with the California Education Code requirements. School site and Recreation Center received approval from the DTSC
- Sediment Sampling and QA/QC. Performed sediment sampling in Humboldt Bay prior to maintenance dredging that took place in 2007. Sediment sampling was conducted at all dredging locations to a maximum depth of 10 feet below the sediment interface. Coordinated QA/QC of sampling, sample handling and laboratory data. Samples were analyzed for dioxins and furans. Sampling was conducted with an AMS multi-stage core sampler with various core tips based on the sediments encountered.
- Sediment Sampling. Performed multiple rounds of sediment sampling on the mudflats adjacent to a Northern California Industrial site. Sampling was preformed to delineate the vertical and horizontal extent

- of impacted sediments. Contaminants that were investigated included metals and PCBs. Various sampling techniques were used to accomplish the sampling.
- Compliance Management / RCRA Underground Storage Tanks. Performed compliance management
  activities for underground storage tank regulations. Work performed included assisting in maintaining
  compliance at over 300 stores and extensive work using Microsoft Access database.
- Compliance Audit. Performed compliance audit at vehicle maintenance facility in downtown San Francisco to ensure proper hazardous materials storage, handling, and disposal, as well as ensure proper record keeping, employee training, and clean housekeeping practices. Also participated in compliance audits of several sawmill facilities throughout Northern California. Audits included topics such as waste storage, handling, and disposal, record keeping, stormwater discharges, and employee training
- Groundwater Monitoring. Project Manager and staff for groundwater monitoring activities at various sites in California and Oregon. Contaminants of concern included petroleum hydrocarbons, volatile and semi volatile organic compounds, metals, chlorophenols, dioxins and furans. Activities also included regular reporting of monitoring results.
- Fuel Tank Removal. Managed removal of fuel oil UST at residential dwelling in Arcata, California and remediation of contaminated soils. Project received No Further Action within one year from date of discovery.
- Site Assessment. Participated in implementation of soil and groundwater investigations at a Union Pacific Railroad Company property in Eureka, California, under the direction of the North Coast Regional Water Quality Control Board to support risk-based evaluation of two former rail yard properties contaminated by chlorinated solvents, petroleum hydrocarbons, PCBs, and heavy metals. The site investigations have included the installation and sampling groundwater monitoring wells within two separate aquifer zones, development and implementation of random sampling program for characterization of surface and subsurface soil, and subsurface soil sampling to evaluate the presence of contamination in several potential source areas. Periodic groundwater and stormwater sampling at the sites has been conducted.
- Stormwater Monitoring and BMP Inspection. Performed stormwater monitoring including sampling and reporting at a former metal recycling facility. Stormwater sampling was performed at sampling stations that were located and designed to evaluate the condition of stormwater generated onsite, storm water received from offsite sources and receiving waters. Stormwater analytical data was used to determine the effectiveness of BMPs which were modified based on analytical results. Construction, routine inspection and maintenance of sampling stations. Construction, routine inspection, and maintenance and enhancement of BMPs to protect the quality of sensitive receiving waters. Coordinated permitting and application of a soil binding agent to reduce sediment and contaminants in stormwater.
- Stormwater Monitoring and BMP Inspection. Performed stormwater monitoring including sampling and reporting at an abandoned railroad maintenance yard. Stormwater sampling was performed at sampling stations that were located and designed to evaluate the condition of stormwater generated onsite, stormwater received from offsite sources and receiving waters. Stormwater analytical data was used to determine the effectiveness of BMPs and BMPs which were modified based on analytical results. Routine inspection and maintenance of sampling stations. Routine inspection, maintenance and enhancement of BMPs.
- **Site Investigations.** Participated in implementation of extensive soil and groundwater investigations at Portland rental car Quick Turn Around at Portland International Airport to evaluate a property contaminated by petroleum hydrocarbons. The site investigations have included the installation and sampling of numerous borings and groundwater monitoring wells, and subsurface soil sampling to evaluate the presence of contamination in several potential source areas and along preferential pathways. Conducted guarterly groundwater sampling at the site..

- Data Management. Performed database management for surface water quality project in California's Central Valley using Microsoft Access.
- **Insurance Investigations**. Performed investigations on new gas stations that had applied for insurance throughout the State of Iowa. Work performed included field work including drilling and sampling, report writing, and follow up interaction with the PMMIC (Petroleum Marketers Mutual Insurance Company).
- **Sediment Analysis**. Performed laboratory tests to analyze concentration of sediment and to determine size differentials of sediment in river water from rivers throughout the United States.
- Lab Analysis. Performed laboratory tests to analyze various constituents, including Chemical Oxygen Demand, Biological Oxygen Demand, Total Suspended Solids and Settlable Solids in effluent discharge from active pulp mill. Also collected and analyzed sewer samples and various process samples for various constituents to ensure efficiency in mill processes and aid in ensuring regulatory compliance of effluent discharge.

#### PROFESSIONAL EMPLOYMENT HISTORY

Project Geologist, Freshwater Environmental Services, 2009 to present Lab Technician, Evergreen Pulp Mill, 2007-2008
Project Geologist, Tetra Tech, 2002 to 2007
Project Geologist, Seneca Environmental Services, 1999 to 2002
Lab Technician, United States Geological Survey, 1996 to 1999
Assistant Editor, Journal of Paleontology, University of Iowa, 1998-1999