Preliminary Assessment

ALDER CAMP ROAD FIRING RANGE
REDWOOD NATIONAL AND STATE PARKS
ALDER CAMP ROAD
ORICK, CALIFORNIA

Prepared for:

U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
1111 Second Street
Crescent City, California 95531-4123

Versar Project No. 104700.4929.041

March 1, 2011

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VERSAR

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This document has been prepared in accordance with accepted scientific and engineering practices and procedures and Versar, Inc.'s Quality Assurance Program.

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Versar - Southwest Region

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Redwood National and State Parks is a four-park system in Northern California, managed jointly by the NPS and the California Department of Parks and Recreation (CDPR). The Site is located within the Redwood National Park, which was established in 1968. The Site is located approximately 19 miles north of the town of Orick, west of Highway 101. The Site coordinates are 41.51275° north (latitude) and -124.07571° west (longitude). Access to the Site is via an unimproved road located off of Alder Camp Road. The unimproved road is closed to the general public and can only be accessed with NPS personnel escort. NPS still uses the Site as a firing range and does not intend to open up the area to public access.

Sampling was not conducted at the Site as part of the preliminary assessment; this would occur during a Site Inspection (SI). It is recommended that an SI be completed at the Site.

SECTION 1.0
INTRODUCTION

Versar, Inc. (Versar) was retained by the National Park Service (NPS) to conduct a Preliminary Assessment of the Alder Camp Road Firing Range located within the Redwood National and State Parks (RNSP), Del Norte County, California (Site). The work was performed in accordance with the U.S. Environmental Protection Agency *Guidance for Performing Preliminary Assessments Under CERCLA* (EPA/540/G-91/013) and the *Preliminary Assessment Review Checklist* (PB-930963342,9345.0-08) (Reference 1).

The guidance provided by the U.S. Environmental Protection Agency (EPA) complies with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Superfund Amendments and Reauthorization Act (SARA) to respond to potential threats by uncontrolled releases of hazardous substances into the environment.

SECTION 2.0

SITE DESCRIPTION, OPERATIONAL HISTORY AND WASTE CHARACTERISTICS

The following sections provide the description, operational history, and waste characteristics of the Site.

2.1 Site Description

Redwood National and State Parks is a four-park system in Northern California, managed jointly by the NPS and the California Department of Parks and Recreation (CDPR). The Site is located within the Redwood National Park established in 1968. The Site is located approximately 19 miles north of the town of Orick, off of Highway 101. The Site coordinates are 41.51275° north (latitude) and -124.07571° west (longitude). The Site is located in an area of second growth forest. Access to the Site is via an unimproved road located off of Alder Camp Road. The road is closed to the general public and can only be accessed with NPS personnel escort. NPS still uses the Site as a firing range and does not intend to open up the area to public access.

Versar conducted a Site reconnaissance with NPS personnel on September 30, 2010 (Reference 2). According to NPS personnel, the range is used by them twice per year for permit qualifying; however, it is also occasionally used by the Bureau of Land Management, State Parks and tribal police.

The dirt entrance road is approximately 0.10-mile and terminates at the firing range. The range is approximately 20 yards by 75 yards and comprises a cleared space within in an area of dense second growth forest. The range is a flat grassy area surrounded by alder, herbaceous plants, sword fern, salmonberry and other shrubs. There is a target line consisting of 12 targets at the northern end of the Site. The targets themselves are old pieces of conveyor belts.

PVC piping was observed in the ground at different locations at the Site. The piping is used as fixed base supports for posts attached to barricades that NPS personnel hide behind during qualifying for a permit to carry a handgun. On the eastern side of the range there is a shed, a picnic table and an old mailbox. The shed is used to store the barricades and the mailbox itself is used as a barricade.

According to NPS personnel, all permit qualifiers are supposed to pick up and remove spent shell casings; however, casings were observed sporadically spread on the ground at the Site.

The location of the Site is shown in Figure 1, *Site Location Map,* Figure 2, *Site Aerial Photograph,* and Figure 3, *Site Layout Map;* which are included in Appendix A, Figures. A one-mile radius is shown around the Site in Figure 4, which is also included in Appendix A. Photographic documentation of the Site is included in Appendix B, Photographic Log. The Site reconnaissance log is included in Appendix C, Regulatory Documentation.

2.2 Operational History and Waste Characteristics

According to NPS personnel, the Site was acquired in 1978 and was already an established firing range (Reference 2). Ten NPS park rangers use the Site twice per year for permit qualifying. The Site is also used occasionally by State Parks, BLM and the tribal police. The Site is currently active. Up until about two to three years ago, lead-based bullets were used; green bullets are now used by NPS personnel. NPS personnel also indicated that no removal actions have occurred at the Site.

Versar contacted federal, state and local regulatory agencies and researched the Site online through agency databases. None of these agencies had permits, violations, or any other documents related to the Site. All regulatory documentation is included in Appendix C.

SECTION 3.0

PATHWAYS AND ENVIRONMENTAL HAZARD ASSESSMENT

Versar contacted federal, state, and local agencies as part of the data gathering for the pathways and environmental hazard assessment of the Site. The following sections present the results for groundwater, surface water, soil exposure, and air exposure. All regulatory database results, telephone conversations and the Electronic Data Resources, Inc. (EDR) Database Report are included in Appendix C. A hazard ranking scoring package was prepared for the Site; which is included in Appendix D.

3.1 Groundwater

Groundwater was evaluated relative to the potential for hazardous substances to migrate to and within aquifers and potential threats to drinking water supplies.

3.1.1 Local Geologic and Hydrogeologic Setting

The North Coast region, which includes RNSP and the adjacent offshore area, is the most seismically active region in the United States. As a result of frequent earthquakes, rapid uplift rates have led to landslides, actively braiding and shifting rivers, and rapid coastal erosion (Reference 3).

The geologic setting of the North Coast region comprises the triple junction of three tectonic plates (discrete portions of the Earth's crust which float above the mantle) known as the North American, the Pacific, and the Gorda plates. This junction lies offshore near Cape Mendocino, which is about 100 miles southwest of RNSP (Reference 3).

Most of RNSP is underlain by rocks of the Franciscan assemblage, which is primarily composed of sandstones and mudstones, and also contains submarine volcanics, cherts and low-temperature metamorphic rocks. In the Site area this assemblage is best seen along the coast from Enderts Beach to the mouth of Redwood Creek and in road cuts on the way to the Tall Trees Grove trailhead. Much of the Franciscan assemblage consists of rock that has been sheared and lifted from the ocean floor as a result of the plate action along the Cascadia subduction zone (Reference 3).

Oceanic influences ensure fairly constant year-round temperatures along California's redwood coast: mid-40s to low-60s°F. Winters are cool with considerable precipitation. From October through April, a high pressure area sitting atop the North Pacific drives a series of storms onshore, dumping the majority of 60-80 inches of annual rain over the region (Reference 3).

3.1.2 Groundwater Use

Based on groundwater data from surrounding properties, groundwater is fairly shallow and ranges from approximately three to ten feet below ground surface (bgs) (Reference 4). Groundwater is not used for drinking water purposes in the Site area. There are no municipal or private drinking wells within four miles of the Site.

3.1.3 Hazardous Release

Hazardous releases to groundwater are considered unlikely. Lead is relatively immobile in the subsurface and it is unlikely that lead has migrated below surface to a depth sufficient to contact groundwater.

According to the EDR report, the Site is not listed in any of the federal, state or local databases searched by EDR (Reference 5).

3.2 Surface Water

Surface water was evaluated relative to the potential for hazardous substances to migrate to and within aquifers and potential threats to drinking water supplies.

3.2.1 Local Hydrologic Setting

3.2.2 Surface Water

There are three major bodies of water within 15 miles of the Site; Richardson Creek, Klamath River and the Pacific Ocean. Richardson Creek and Klamath River provide drinking water for surrounding communities (greater than two miles away). Richardson Creek is located approximately 0.25-mile to the east of the Site and drains easterly to the Klamath River. The Pacific Ocean is located approximately 0.25-mile to the west of the Site. The Klamath River is located approximately one mile to the north of the Site and 1.5 miles to the east of the Site.

The Site is not located within a 100- year or 500-year flood zone (Reference 5).

3.2.3 Fisheries

A fishery is defined as a place where fish and other aquatic animals can be caught. The Klamath River is a fishery located within 15 miles of the Site; however, the river is located across a water basin divide from the Site and so does not receive water from the Site.

3.2.4 Sensitive Environments

Sensitive environments reviewed included endangered or threatened species lists and wetlands.

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The Site is not located within a 100- year or 500-year flood zone (Reference 5).

3.2.3 Fisheries

A fishery is defined as a place where fish and other aquatic animals can be caught. The Klamath River is a fishery located within 15 miles of the Site; however, the river is located across a water basin divide from the Site and so does not receive water from the Site.

3.2.4 Sensitive Environments

Sensitive environments reviewed included endangered or threatened species lists and wetlands.

3.2.4.1 Endangered, or Threatened Species

Versar obtained a list of threatened and endangered species that are known to occur or suspected to occur in RNSP (Reference 3). The following table presents the species, status, and presence at the Park. Versar has included only those species that have been listed as endangered or threatened species (state or federal listing). According to NPS personnel, none of these species are known to occur in the Site area (Reference 2).

Common Name	**Scientific Name**	**Status**	**Present in RNSP?**
Bald Eagle	*Haliaeetus leucocephalus*	ST	Y
Brown Pelican	*Pelecanus occidentalis*	FE/SE	Y
Marbeled Murrelet	*Brachyramphus marmoratus*	FT/SE	Y
Northern Spotted Owl	*strix occidentalis caurina*	FT	Y
Western Snowy Plover	*Charadrius alexandrinus nivosus*	FT	Y
Chinook Salmon	*Oncorhynchus tshawytscha*	FT	Y
Coho Salmon	*Oncorhynchus kisutch*	FT	Y
Steelhead Trout	*Oncorhynchus mykiss*	FT	Y
Tidewater Goby	*Eucyclogobius newberryi*	FE/SE	Y
Steller's Sea Lion	*Eumatopias jubatus*	FE	Y

Notes:
E = Endangered
F = Federal
S= State
T = Threatened

3.2.4.2 Wetlands

Versar researched wetlands in the area using the U.S. Fish and Wildlife Service National Wetlands Inventory Wetlands Mapper (Reference 6). Based on the map, there are no areas of wetlands located within 15 miles downstream of the Site. The closest area of wetlands is Marshall Pond, located approximately two miles to the east of the Site in a separate hydrologic basin.

3.2.5 Hazardous Release

The release of lead from the Site to surface waters is considered unlikely. The closest freshwater body is located approximately 0.25-mile to the east of the Site in a separate hydrologic basin. The Pacific Ocean is the nearest body of water, 0.23-mile to the west. No water courses were observed to drain the Site.

3.3 Soil Exposure

The Site is closed to the public. NPS and other agency personnel access the Site for handgun

permit qualifying approximately two times per year. There are no schools, daycare facilities, or people living within 200 feet of the Site. There are three structures located approximately 0.9-mile to the southeast of the Site. The total estimate population within one mile of the Site is estimated to be a maximum of 12 people.

The likelihood of an exposure of humans to contaminated soil is considered very low to negligible. The public is not allowed access to the Site, NPS and other personnel access the Site only a few times per year, and the nearest population is almost one mile to the southeast of the Site.

3.4 Air Exposure

The Site is closed to the public. NPS and other agency personnel access the Site for permit qualifying approximately two times per year. There are no schools, daycare facilities, or people living within 200 feet of the Site. The total population within one mile is estimated to be a maximum of 12 people.

Exposure to heavy metals associated with the firing and degradation of ammunition at the Site is considered low to negligible, and likely only occurs during firearm discharge. The Site is located in a coastal area that is damp year around; therefore, mobilization of heavy metals via particulates in air is not expected to occur. The public is not allowed access to the Site and the nearest population is almost one mile to the southeast of the Site.

SECTION 4.0

CONCLUSIONS AND RECOMMENDATIONS

Based on the observations of the Site and review of available information regarding the past use of the Site it is likely that a release of metals; such as antimony, barium, copper and lead; to the soil has occurred.

The Site has been used as a firing range from at least 1978, when the NPS acquired the land. Lead-based bullets were used until approximately two to three years ago. There is a line of 12 targets located at the northern end of the Site. There is no barrier behind the targets to catch stray bullets; therefore, bullets are likely present in the area behind the target line. Bullet casings were observed sporadically on the soil surface at the Site. A release of lead to the soil is likely due to sue of lead bullets for over three decades. However, human exposure to this area is limited because visitors are not allowed access, there is no plan to open up the area to the public, and there are no sensitive receptors or off-site transport mechanisms. With regard to sensitive species in the park, the Site does not have habitat to support endangered or threatened species in the park.

Sampling was not conducted at the Site as part of the preliminary assessment; this would occur during a Site Inspection (SI). Due to the likely presence of substantively elevated lead concentrations in soil within the Site, it is Versar's recommendation that an SI be completed at the Site.

SECTION 5.0

REFERENCES

1. U.S. Environmental Protection Agency (EPA). 1991. Guidance for Performing Preliminary Assessments under CERCLA. September.

2. Jennifer Isaac, Environmental Scientist, Versar, Inc. Site reconnaissance conducted with Mike Sanders of NPS on September 30, 2010.

3. National Park Service (NPS). Redwood National and State Parks Website. http://www.nps.gov/redw/.

4. SHN Consulting Engineers and Geologists, Inc. 2007. *First Quarter 2007 Groundwater Monitoring Report and Request for Closure, California Department of Forestry – Alder Conservation Camp, 1400 Alder Camp Road, Klamath, California*. June 8.

5. Electronic Data Resources Inc. (EDR). 2010. The EDR Radius Map Report™ with GeoCheck®, Alder Camp Firing Range. September 28.

6. U.S. Fish and Wildlife Service National Wetlands Inventory Wetlands Mapper. http://www.fws.gov/wetlands/Data/Mapper.html.

SECTION 6.0

STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

- The sole purpose of the preliminary assessment and of this report is to assess the physical characteristics of the Site with respect to the presence or absence of hazardous substances in the environment as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the Site.

- Versar derived the data in this report primarily from visual inspections, examination of records in the public domain, and interviews with individuals with information about the Site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, conclusions, and recommendations expressed in the report.

- In preparing this report, Versar has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, Versar has not attempted to verify the accuracy or completeness of such information.

- The data reported and the findings, observations, conclusions, and recommendations expressed in the report are limited by the Scope of Services. The Scope of Services was defined by the requests of the Client, and the availability of access to the Site.

- The findings, observations, conclusions, and recommendations expressed by Versar in this report are limited to the information obtained and should not be considered an opinion concerning the compliance of any past or current owner or operator of the Site with any federal, state, or local law or regulation. No warranty or guarantee, whether expressed or implied is made with respect to the data reported or findings, observations, conclusions, and recommendations expressed in this report. Further, such data, findings, observations, conclusions, and recommendations are based solely upon Site conditions in existence at the time of investigation.

- This report has been prepared on behalf of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

APPENDIX A

FIGURES

NORTH

Source: Redwood National and State Parks Atlas, Klamath River

Dr. By: NH	VERSAR 7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612	**SITE LOCATION MAP** Alder Camp Road Firing Range Redwood National & State Parks Alder Camp Road Orick, California	**Figure 1**
Date: 11/8/2010			
Scale: NTS			
Project No.:104700.4929.041			

NORTH

Source: Google Maps 11/8/2010

Dr. By: NH	
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SITE AERIAL PHOTOGRAPH
Alder Camp Road Firing Range
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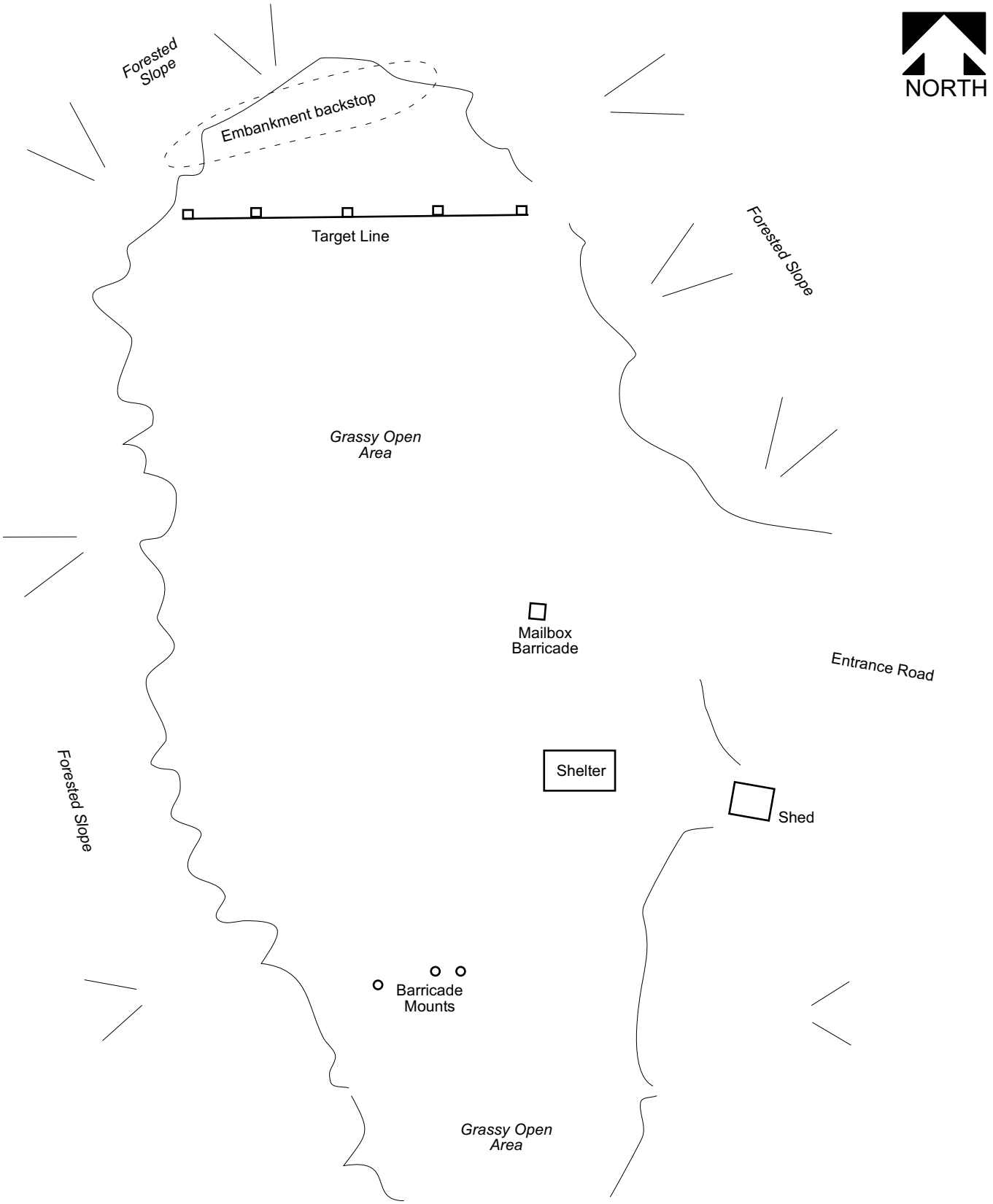
Alder Camp Road
Orick, California

Figure 2



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SITE LAYOUT MAP
Alder Camp Road Firing Range
Redwood National & State Parks
Alder Camp Road
Orick, California

Figure 3

NORTH

Source: Google Maps 11/8/2010

Dr. By: NH	VERSAR 7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612	**ONE MILE RADIUS MAP** Alder Camp Road Firing Range Redwood National & State Parks Alder Camp Road Orick, California	**Figure 4**
Date: 11/8/2010			
Scale: NTS			
Project No.:104700.4929.041			

APPENDIX B

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Site Location: Alder Camp Road Firing Range, Orick, CA **Versar Project # 104700.4929.041**

Photograph # 1

View:

Facing north

Description:

View of the target area of the firing range.

Photograph # 2

View:

Facing northwest

Description:

View of the target line.

PHOTOGRAPHIC LOG

Site Location: Alder Camp Road Firing Range, Orick, CA **Versar Project # 104700.4929.041**

Photograph # 3

View:

Facing east

Description:

View of the picnic table and storage shed located on the eastern side of the Site. The mailbox on the left side of the photo is used as a barricade.

Photograph # 4

View:

Facing south

Description:

View of the southern portion of the Site.

PHOTOGRAPHIC LOG

Site Location: Alder Camp Road Firing Range, Orick, CA **Versar Project # 104700.4929.041**

Photograph # 5	
View: Facing north	
Description: View of the back stop portion of the firing range.	

Photograph # 6	
View: Exterior	
Description: View of some spent shell casings observed on-Site.	

PHOTOGRAPHIC LOG

Site Location: Alder Camp Road Firing Range, Orick, CA **Versar Project # 104700.4929.041**

Photograph # 7

View:

Facing west

Description:

View of PVC piping in the ground at the Site. These are located throughout the Site and are posts for barricades.

Photograph # 8

View:

Interior

Description:

View of the interior of the storage shed. The shed is used to store the barricades.

PHOTOGRAPHIC LOG

Site Location: Alder Camp Road Firing Range, Orick, CA **Versar Project # 104700.4929.041**

Photograph # 9

View:

Facing west

Description:

View of the entrance gate to the Site.

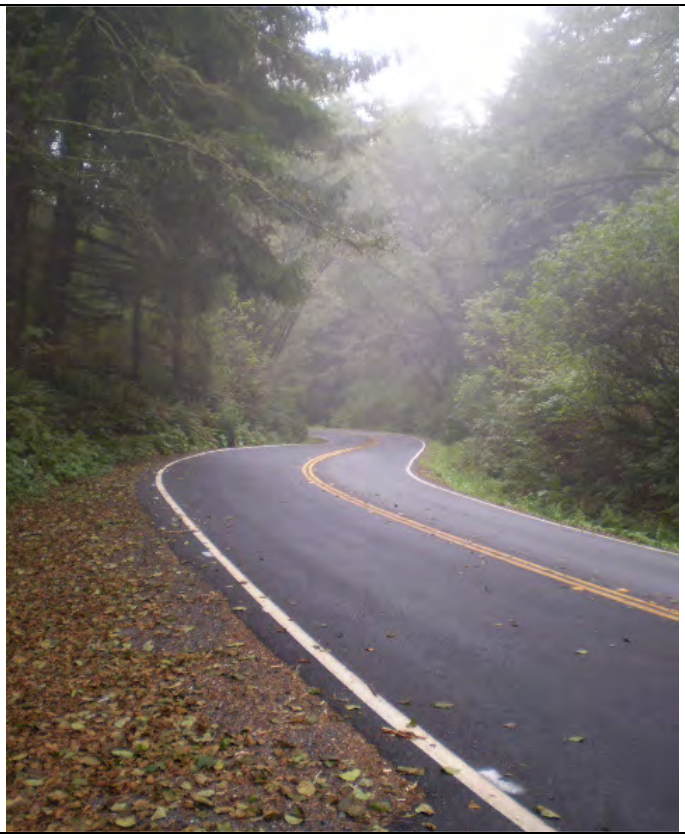
Photograph # 10

View:

Facing north

Description:

View of Alder Camp Road.



PHOTOGRAPHIC LOG

Site Location: Alder Camp Road Firing Range, Orick, CA **Versar Project # 104700.4929.041**

Photograph # 11

View:

Facing northwest

Description:

View of Flintridge Campground located approximately one mile to the north of the Site.

Photograph # 12

View:

Facing north

Description:

View of Marshall Pond, a wetland located approximately two miles to the east of the Site.

APPENDIX C

REGULATORY DOCUMENTATION

9/30/2010

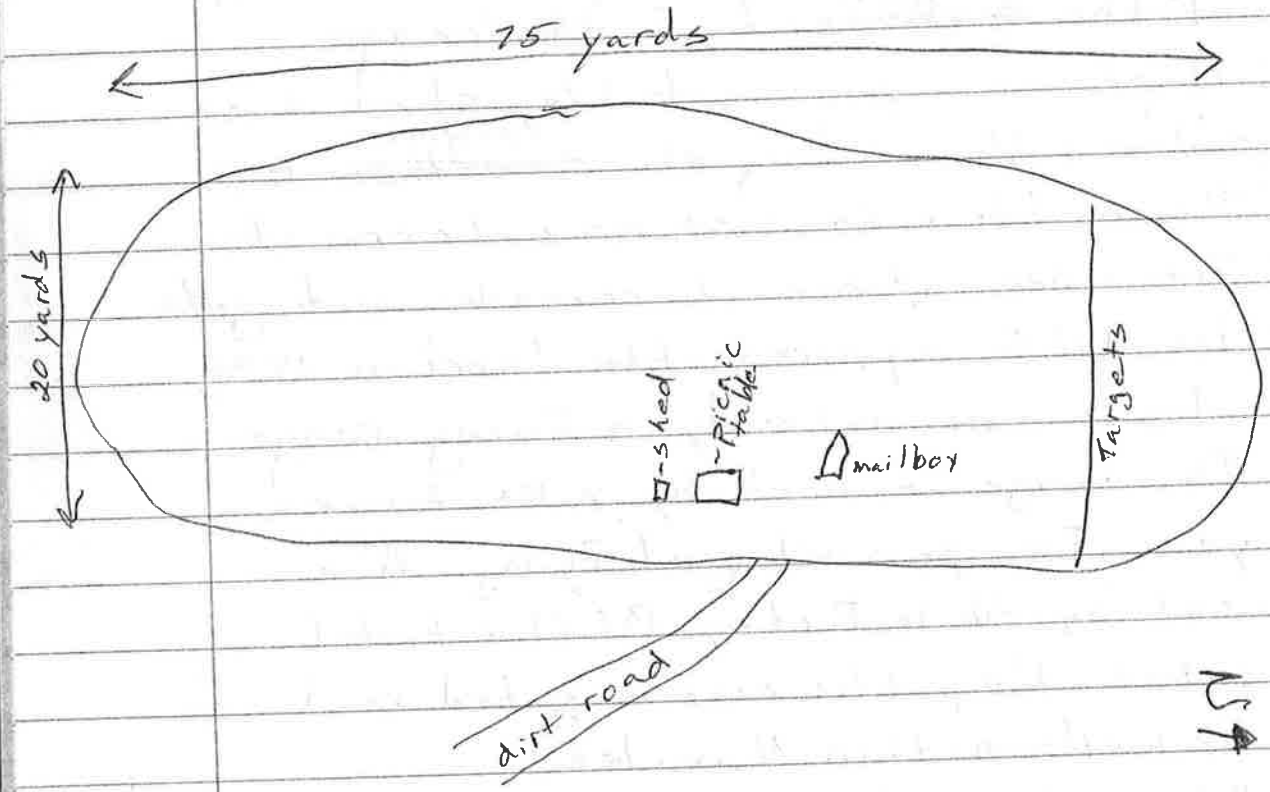
0800 Arrive at NPS office in Orick, CA & meet with Mike Sanders.

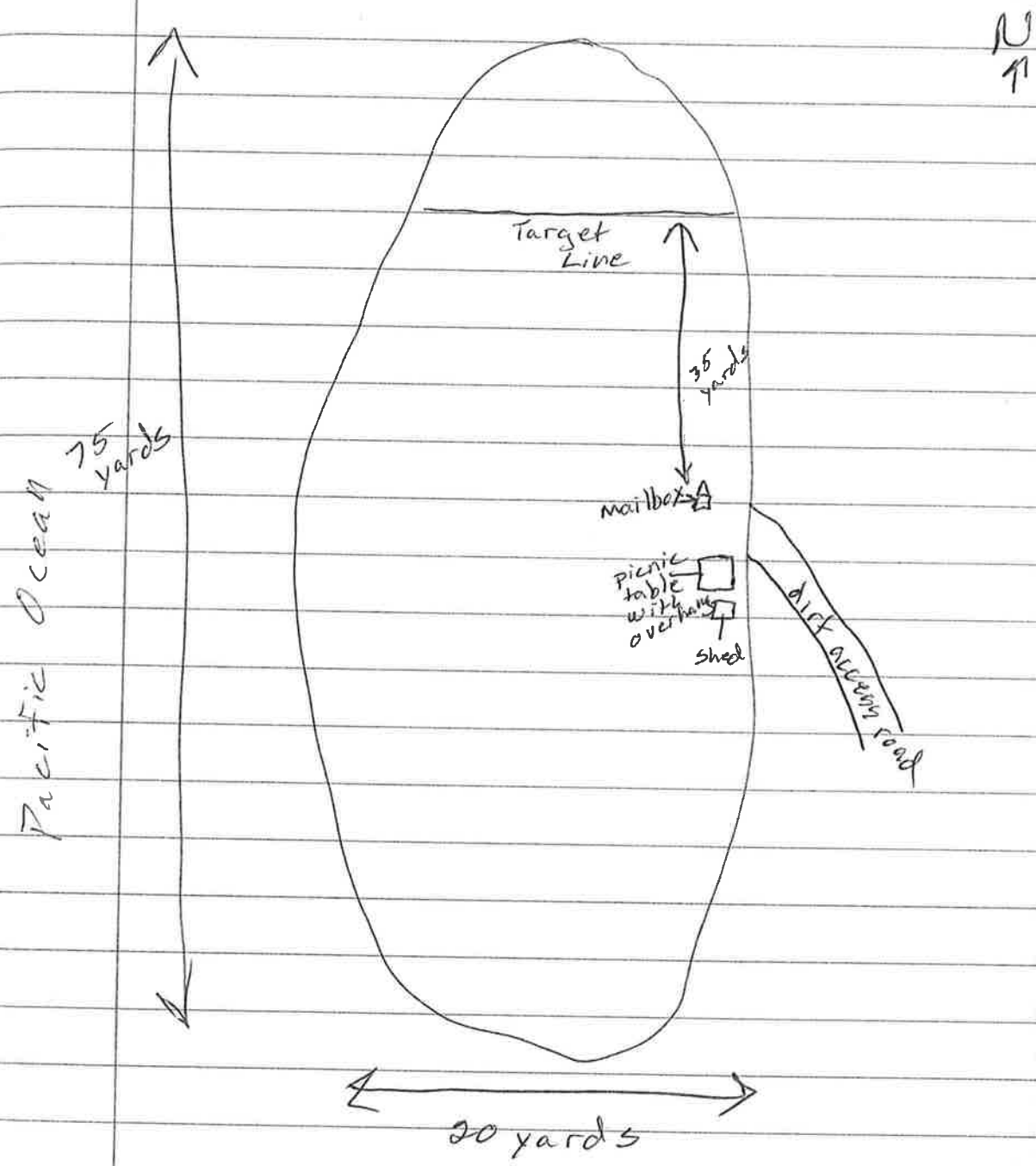
0830 Leave for Site.

0850 Arrive at Site. There is a target line with 12 conveyor belt targets at the ~~eastern~~ northern end of the range. There is a picnic table, shed & an old mailbox along the ~~southern~~ eastern end. The mailbox is used as a barricade. The shed stores barricades & targets. The NPS acquired the land in 1978, it was ~~an~~ already a firing range. The range is used by NPS twice a year for permit qualifying. Also used by State Parks, BLM & tribal police. No public access, gated road. No wells within 4 miles. Klamath, Richardson Creek & Pacific Ocean River are nearest surface waters. Green bullets have been used for 2-3 years. Bullet casings observed on ground.

0930 Leave site. Drive around the site to look for receptors in the area. Marshall Pond is ≈ 2 miles east of

the Site. It is a wetland, crossgradient of the Site. Klamath River is north & east of the Site (upgradient & crossgradient of the Site).





The Site is surrounded by forest.

VERSAR

PACIFIC REGION
Telephone Conversation Record

DATE: 11/09/2010	***TIME:***
PROJECT NUMBER: 104700.4929.041	***PROJECT NAME: Alder Camp Road FR***

CALL TO/FROM:

CONTACT: Mike Sanders	
PHONE NUMBER: 707-465-7742	***Company Name: NPS Redwood RNSP***

Consultant - VERSAR Fair Oaks Office:

NAME: Tim Berger

SUBJECT: Change in ammunition use at firing range
Mr. Sanders reported that, while the use of "green" ammunition is NPS policy, the policy
has not been implemented at the firing range due to differences in handgun firing
characteristics when qualifying for a use permit, and use of the range by agencies other
than the NPS

VERSAR

PACIFIC REGION
Telephone Conversation Record

DATE: 09/28/2010	***TIME:10:30***
PROJECT NUMBER: 104700.4929.041	***PROJECT NAME: Alder Camp Road FR***

CALL TO/FROM:

CONTACT: Cathy	
PHONE NUMBER: 707-465-0426	***Company Name: Del Norte County EHD***

Consultant - VERSAR Fair Oaks Office:

NAME: Jen Isaac

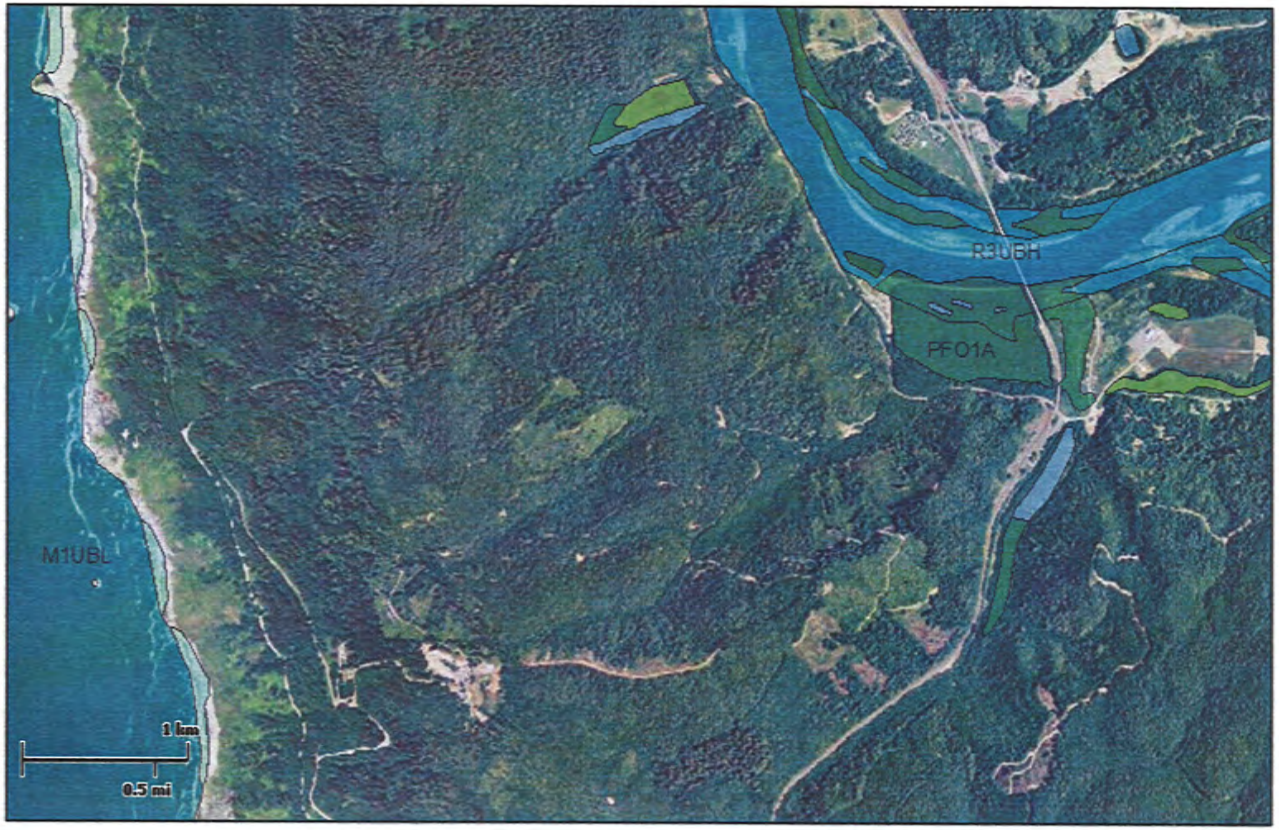
SUBJECT: Records for Firing Range
The county does not have any files related to the Site.

U.S. Fish and Wildlife Service

National Wetlands Inventory

Alder Camp Road Firing Range

Nov 8, 2010



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Riparian

- Herbaceous
- Forested/Shrub

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

ENVIROSTOR

PROJECT SEARCH RESULTS **CLEANUP STATUS:** All Statuses GO

SEARCH CRITERIA: ORICK, FEDERAL SUPERFUND SITES (NPL), STATE RESPONSE SITES, VOLUNTARY CLEANUP SITES, SCHOOL CLEANUP SITES, PERMITTED - OPERATING SITES, POST-CLOSURE PERMITTED SITES, HISTORICAL NON-OPERATING SITES, CORRECTIVE ACTION SITES, TIERED PERMIT SITES

0 RECORDS FOUND EXPORT TO EXCEL PAGE 1 OF 1

NO PROJECTS FOUND WITH THOSE SEARCH PARAMETERS.

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0.640625 seconds

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

PROJECT SEARCH RESULTS

SEARCH CRITERIA: KLAMATH, LUFT, SLIC, LANDFILL, DOD, DODPRIV, DODUST

1 RECORDS FOUND EXPORT TO EXCEL PAGE 1 OI

		SITE / FACILITY NAME	SITE / FACILITY TYPE	CLEANUP STATUS	ADDRESS (OR PARTIAL ADDRESS)	CITY	ZIP	COUNTY
[REPORT]	[MAP]	GTE, KLAMATH MICROWAVE	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	KLAMATH AIR FORCE BASE	KLAMATH	95531	DEL NORTE

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0.078125 seconds

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

PROJECT SEARCH RESULTS

SEARCH CRITERIA: ORICK, LUFT, SLIC, LANDFILL, DOD, DODPRIV, DODUST

24 RECORDS FOUND EXPORT TO EXCEL PAGE 1 OI

		SITE / FACILITY NAME	SITE / FACILITY TYPE	CLEANUP STATUS	ADDRESS (OR PARTIAL ADDRESS)	CITY	ZIP	COUNTY
[REPORT]	[MAP]	ARCATA REDWOOD COMPANY	CLEANUP PROGRAM SITE	OPEN - INACTIVE	HIGHWAY 101	ORICK		HUMBOLDT
[REPORT]	[MAP]	BERRY GLEN	CLEANUP PROGRAM SITE	COMPLETED - CASE CLOSED	123303 HIGHWAY 101, NORTH	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	BERRY GLEN	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	123303 HIGHWAY 101, NORTH	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	BIG LAGOON BOMBING TARGET - US BIG LAGOON BOMBING TARGET	MILITARY CLEANUP SITE	OPEN - INACTIVE	HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	BIG OIL & TIRE ORICK 76	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	120607 HIGHWAY 101, SOUTH	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	BIG OIL & TIRE ORICK 76	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	120607 HIGHWAY 101, SOUTH	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	CAL PAC - ORICK	CLEANUP PROGRAM SITE	OPEN - INACTIVE	HIGHWAY 101	ORICK		HUMBOLDT
[REPORT]	[MAP]	CDF ELK CAMP	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	BALD HILLS ROAD	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	CDOT ORICK MAINTENANCE STATION	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	ORICK STATION	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	CDPR BULL CREEK TARGET RANGE	CLEANUP PROGRAM SITE	OPEN - INACTIVE	BULL CREEK ROAD	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	CDPR PRAIRIE CREEK	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	127011 NEWTON B DRURY PARKWAY	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	GREEN VALLEY EXXON	LUST CLEANUP SITE	OPEN - SITE ASSESSMENT	120784 HWY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	GTE NORTHWEST ORICK MICRO (HILTON RANCH)	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	844 OLD STATE HIGHWAY	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	HUMBOLDT CO ORICK BURN DUMP	LAND DISPOSAL SITE	OPEN	HIGHWAY 101	ORICK	95501	HUMBOLDT
[REPORT]	[MAP]	ORICK PRESBYTERIAN CHURCH	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	12144 HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	ORICK SCHOOL	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	120918 HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	PARK-WOODS GARAGE AKA ORICK PRESBYTERIAN CHURCH	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	12144 HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	REDWOOD NATIONAL PARK / B MILL	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	DAVISON ROAD	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	REDWOOD NATIONAL PARK / WOLF CK	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	SCHNEIDER, DAVE	CLEANUP PROGRAM SITE	COMPLETED - CASE CLOSED	347 DAVISON ROAD	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	SHORELINE MARKET	LUST CLEANUP SITE	OPEN - SITE ASSESSMENT	120025 HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]	[MAP]	SIMPSON TIMBER COMPANY	CLEANUP PROGRAM SITE	OPEN - INACTIVE	645 BALD HILLS ROAD	ORICK		HUMBOLDT
[REPORT]	[MAP]	SIMPSON/TUTOR-SALIBA	LUST CLEANUP SITE	COMPLETED - CASE CLOSED	124580 HIGHWAY 101	ORICK	95555	HUMBOLDT
[REPORT]		STONE LAGOON	CLEANUP PROGRAM SITE	COMPLETED - CASE CLOSED	HIGHWAY 101, PM 115.2	ORICK	95555	HUMBOLDT

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Alder Camp Firing Range
Alder Camp Road
Klamath, CA 95548

Inquiry Number: 2880103.2s
September 28, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

ALDER CAMP ROAD
KLAMATH, CA 95548

COORDINATES

Latitude (North):	41.512700 - 41˚ 30' 45.7''
Longitude (West):	124.075700 - 124˚ 4' 32.5''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	410233.5
UTM Y (Meters):	4596020.0
Elevation:	533 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41124-E1 REQUA, CA
Most Recent Revision:	1966
South Map:	41124-D1 FERN CANYON, CA
Most Recent Revision:	1966

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

EXECUTIVE SUMMARY

Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR ..... EnviroStor Database

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

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

State and tribal leaking storage tank lists

LUST ..... Geotracker's Leaking Underground Fuel Tank Report
SLIC ..... Statewide SLIC Cases

EXECUTIVE SUMMARY

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ..... Active UST Facilities
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
WMUDS/SWAT ..... Waste Management Unit Database
SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
HIST Cal-Sites ..... Historical Calsites Database
SCH ..... School Property Evaluation Program
Toxic Pits ..... Toxic Pits Cleanup Act Sites
CDL ..... Clandestine Drug Labs
US HIST CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ..... Facility Inventory Database
HIST UST ..... Hazardous Substance Storage Container Database
SWEEPS UST ..... SWEEPS UST Listing

Local Land Records

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

Records of Emergency Release Reports

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
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide 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
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan
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
EMI	Emissions Inventory Data
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PROC	Certified Processors Database
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
PCB TRANSFORMER	PCB Transformer Registration Database

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.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

ADDITIONAL ENVIRONMENTAL RECORDS

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 2 miles of the target property.

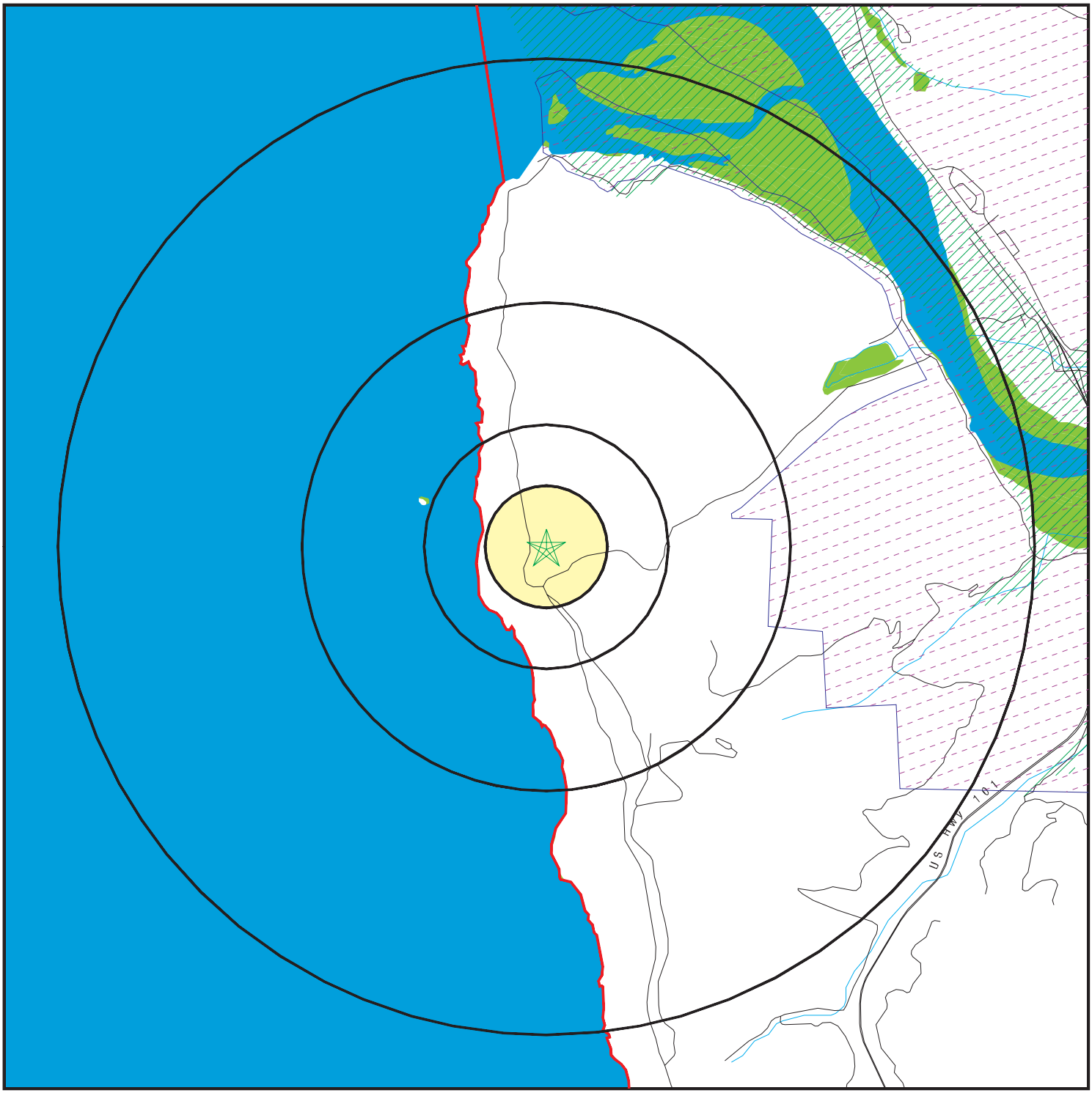
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
YUROK INDIAN RESERVATION		E 1/2 - 1 (0.769 mi.)	0	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
KLAMATH STP	HIST CORTESE
CAMP ESTHER APPLEGATE	NPDES
SIMPSON RESOURCES KLAMATH WWDS	LDS
TREES, INC.	FTTS
DON'S GAS	LUST, SWEEPS UST
KLAMATH CENTRAL OFFICE	SWEEPS UST
KLAMATH MICROWAVE	SWEEPS UST
YUROK MERCURY SPILL	CERCLIS
CDOT KLAMATH YARD	LUST
GTE, KLAMATH OFFICE	LUST
RIVERSIDE RV PARK	LUST
CDF ALDER CONSERVATION CAMP	LUST, HAZNET
KLAMATH SHELL GAS STATION	UST
IDLEWILD MAINT. STAT.-CALTRANS	AST
ALDER CAMP	AST
DEPT OF TRANSPORTATION	HAZNET
BLANKET TRUCKING	HAZNET
YUORK INDIAN HOUSING	HAZNET
SIMPSON TIMBER COMPANY KLAMATH SWD	SLIC
CDF ALDER CONSERVATION CAMP	CA WDS
KLAMATH STP	CA WDS
TREES, INC.	ICIS
SIMPSON REDWOOD COMPANY	EMI
SIMPSON LUMBER COMPANY	ENVIROSTOR
"U. S. AIR FORCE, REQUA STATION"	ENVIROSTOR

OVERVIEW MAP - 2880103.2s



0 1/2 1 2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

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

SITE NAME: Alder Camp Firing Range	CLIENT: Versar, Inc.
ADDRESS: Alder Camp Road Klamath CA 95548	CONTACT: Jen Isaac INQUIRY #: 2880103.2s
LAT/LONG: 41.5127 / 124.0757	DATE: September 28, 2010 12:29 pm

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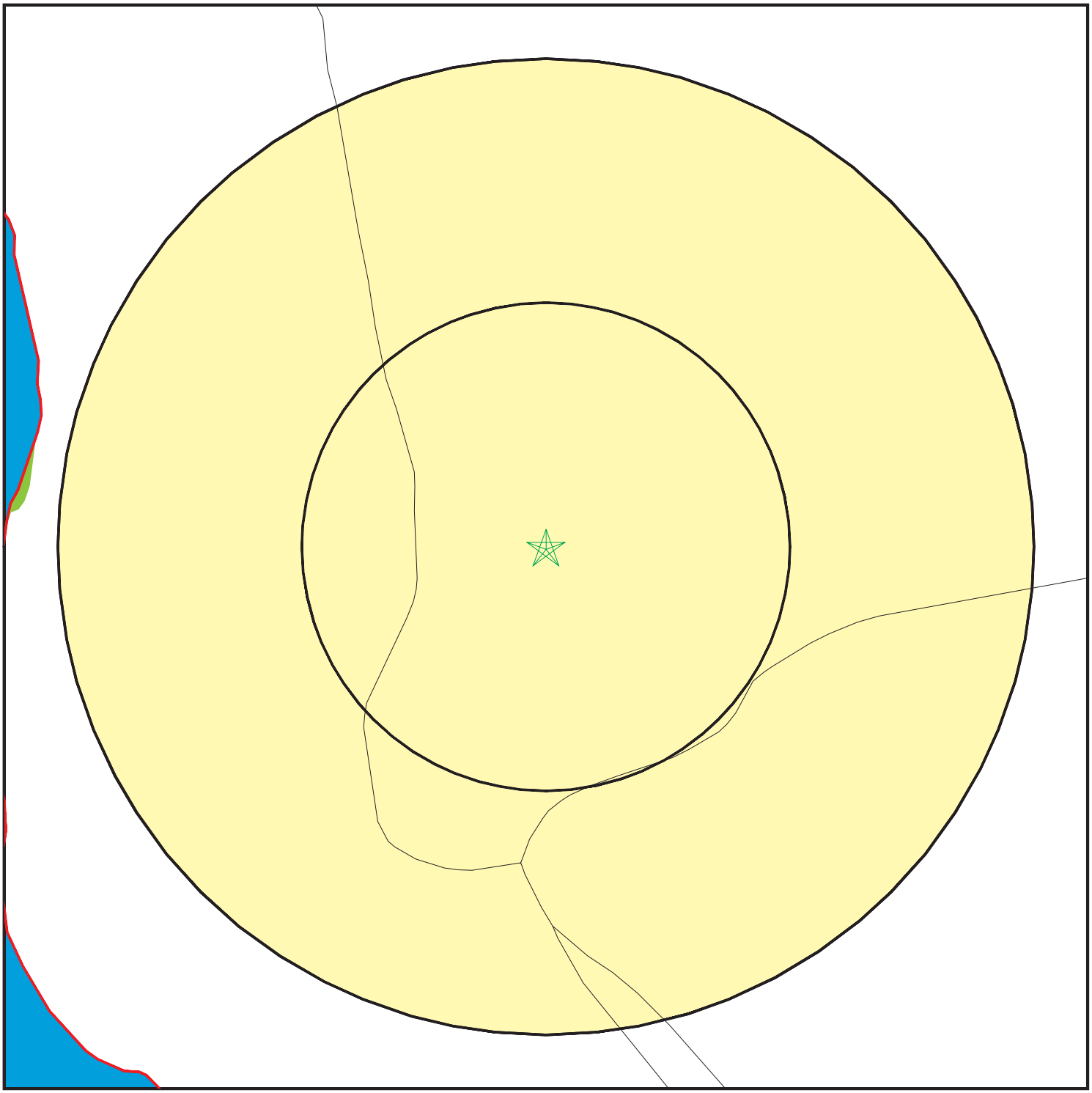
DETAIL MAP - 2880103.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

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

SITE NAME: Alder Camp Firing Range ADDRESS: Alder Camp Road Klamath CA 95548 LAT/LONG: 41.5127 / 124.0757	CLIENT: Versar, Inc. CONTACT: Jen Isaac INQUIRY #: 2880103.2s DATE: September 28, 2010 12:30 pm

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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 ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		2.000	0	0	0	0	0	0
Proposed NPL		2.000	0	0	0	0	0	0
NPL LIENS		1.000	0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL		2.000	0	0	0	0	0	0
Federal CERCLIS list								
CERCLIS		2.000	0	0	0	0	0	0
FEDERAL FACILITY		2.000	0	0	0	0	0	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		2.000	0	0	0	0	0	0
Federal RCRA CORRACTS facilities list								
CORRACTS		2.000	0	0	0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		2.000	0	0	0	0	0	0
Federal RCRA generators list								
RCRA-LQG		2.000	0	0	0	0	0	0
RCRA-SQG		2.000	0	0	0	0	0	0
RCRA-CESQG		2.000	0	0	0	0	0	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		2.000	0	0	0	0	0	0
US INST CONTROL		2.000	0	0	0	0	0	0
Federal ERNS list								
ERNS		1.000	0	0	0	0	NR	0
State- and tribal - equivalent NPL								
RESPONSE		2.000	0	0	0	0	0	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR		2.000	0	0	0	0	0	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		2.000	0	0	0	0	0	0
State and tribal leaking storage tank lists								
LUST		2.000	0	0	0	0	0	0
SLIC		2.000	0	0	0	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
INDIAN LUST		2.000	0	0	0	0	0	0
State and tribal registered storage tank lists								
UST		2.000	0	0	0	0	0	0
AST		2.000	0	0	0	0	0	0
INDIAN UST		2.000	0	0	0	0	0	0
FEMA UST		2.000	0	0	0	0	0	0
State and tribal voluntary cleanup sites								
INDIAN VCP		2.000	0	0	0	0	0	0
VCP		2.000	0	0	0	0	0	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		2.000	0	0	0	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		2.000	0	0	0	0	0	0
ODI		2.000	0	0	0	0	0	0
WMUDS/SWAT		2.000	0	0	0	0	0	0
SWRCY		2.000	0	0	0	0	0	0
HAULERS		1.000	0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		1.000	0	0	0	0	NR	0
HIST Cal-Sites		2.000	0	0	0	0	0	0
SCH		2.000	0	0	0	0	0	0
Toxic Pits		2.000	0	0	0	0	0	0
CDL		1.000	0	0	0	0	NR	0
US HIST CDL		1.000	0	0	0	0	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST		2.000	0	0	0	0	0	0
HIST UST		2.000	0	0	0	0	0	0
SWEEPS UST		2.000	0	0	0	0	0	0
Local Land Records								
LIENS 2		1.000	0	0	0	0	NR	0
LUCIS		2.000	0	0	0	0	0	0
LIENS		1.000	0	0	0	0	NR	0
DEED		2.000	0	0	0	0	0	0
Records of Emergency Release Reports								
HMIRS		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	0	0	NR	0
LDS		1.000	0	0	0	0	NR	0
MCS		1.000	0	0	0	0	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
Other Ascertainable Records								
RCRA-NonGen		2.000	0	0	0	0	0	0
DOT OPS		1.000	0	0	0	0	NR	0
DOD		2.000	0	0	0	0	0	0
FUDS		2.000	0	0	0	0	0	0
CONSENT		2.000	0	0	0	0	0	0
ROD		2.000	0	0	0	0	0	0
UMTRA		2.000	0	0	0	0	0	0
MINES		2.000	0	0	0	0	0	0
TRIS		1.000	0	0	0	0	NR	0
TSCA		1.000	0	0	0	0	NR	0
FTTS		1.000	0	0	0	0	NR	0
HIST FTTS		1.000	0	0	0	0	NR	0
SSTS		1.000	0	0	0	0	NR	0
ICIS		1.000	0	0	0	0	NR	0
PADS		1.000	0	0	0	0	NR	0
MLTS		1.000	0	0	0	0	NR	0
RADINFO		1.000	0	0	0	0	NR	0
FINDS		1.000	0	0	0	0	NR	0
RAATS		1.000	0	0	0	0	NR	0
CA BOND EXP. PLAN		2.000	0	0	0	0	0	0
CA WDS		1.000	0	0	0	0	NR	0
NPDES		1.000	0	0	0	0	NR	0
Cortese		2.000	0	0	0	0	0	0
HIST CORTESE		2.000	0	0	0	0	0	0
Notify 65		2.000	0	0	0	0	0	0
DRYCLEANERS		2.000	0	0	0	0	0	0
WIP		2.000	0	0	0	0	0	0
HAZNET		1.000	0	0	0	0	NR	0
EMI		1.000	0	0	0	0	NR	0
INDIAN RESERV		2.000	0	0	0	1	0	1
SCRD DRYCLEANERS		2.000	0	0	0	0	0	0
PROC		2.000	0	0	0	0	0	0
MWMP		2.000	0	0	0	0	0	0
COAL ASH DOE		1.000	0	0	0	0	NR	0
COAL ASH EPA		2.000	0	0	0	0	0	0
HWT		2.000	0	0	0	0	0	0
HWP		2.000	0	0	0	0	0	0
FINANCIAL ASSURANCE		1.000	0	0	0	0	NR	0
PCB TRANSFORMER		1.000	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		2.000	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

IND RES **Region** **East** **1/2-1** **4060 ft.**	**YUROK INDIAN RESERVATION** **YUROK INDIAN RESERVATION (County), CA**	**INDIAN RESERV**	**CIND100241** **N/A**

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)
GASQUET	A100176263	IDLEWILD MAINT. STAT.-CALTRANS	15600 HWY. 199	95548	AST
IDYLLWILD	S104572022	DEPT OF TRANSPORTATION	DEL NORTE CNTY ROUTE 199 POST	95548	HAZNET
KLAMATH	S106839448	SIMPSON REDWOOD COMPANY	HWY 101	95548	EMI
KLAMATH	S101479993	SIMPSON LUMBER COMPANY	HWY 101 & ROUTE169	95548	ENVIROSTOR
KLAMATH	S108743274	BLANKET TRUCKING	1342 HWY 101 POST MILE	95548	HAZNET
KLAMATH	S102426457	CDOT KLAMATH YARD	711 HWY 101	95548	LUST
KLAMATH	S102431061	GTE, KLAMATH OFFICE	16846 HWY 101 S	95548	LUST
KLAMATH	S104163410	DON'S GAS	15880 HWY 101 S	95548	LUST, SWEEPS UST
KLAMATH	S105181008	SIMPSON TIMBER COMPANY KLAMATH SWD	HWY 101	95548	SLIC
KLAMATH	S104857253	RIVERSIDE RV PARK	17505 HWY 101	95548	LUST
KLAMATH	S109286495	SIMPSON RESOURCES KLAMATH WWDS	HWY 101	95548	LDS
KLAMATH	A100340056	ALDER CAMP	1400 ALDER CAMP RD	95548	AST
KLAMATH	S105557671	CDF ALDER CONSERVATION CAMP	1400 ALDER CAMP RD	95548	CA WDS
KLAMATH	S100223844	CDF ALDER CONSERVATION CAMP	ALDERCAMP RD	95548	LUST, HAZNET
KLAMATH	S106928235	KLAMATH CENTRAL OFFICE	16046 S HWY 101	95548	SWEEPS UST
KLAMATH	S110326387	"U. S. AIR FORCE, REQUA STATION"	P J MURPHY MEMORIAL DRIVE OFF	95548	ENVIROSTOR
KLAMATH	U003778638	KLAMATH SHELL GAS STATION	299 KLAMATH GLEN RD	95548	UST
KLAMATH	1011869208	TREES, INC.	SE KLAMATH BEACH RD	95548	ICIS
KLAMATH	S106928236	KLAMATH MICROWAVE	KLAMATH AFB	95548	SWEEPS UST
KLAMATH	S105024304	KLAMATH STP	NEW KLAMATH TOWNSITE		HIST CORTESE
KLAMATH	S102002882	KLAMATH STP	NEW KLAMATH TOWNSITE	95548	CA WDS
KLAMATH	1011962323	TREES, INC.	RESIGHINI RANCHERIA SE KLAMATH	95548	FTTS
KLAMATH	S110371173	YUORK INDIAN HOUSING	3495 STATE 169	95548	HAZNET
KLAMATH FALLS	S108658838	CAMP ESTHER APPLEGATE	LAKE OF THE WOODS	95548	NPDES
WEITCHPEC	1009908228	YUROK MERCURY SPILL	END OF WEITCHPEC SCHOOL ROAD	95548	CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
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: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/14/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/25/2010
	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: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 09/02/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/11/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 07/21/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/25/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/02/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/13/2010
	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: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
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: 07/09/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 39

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
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: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/25/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 45

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
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: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 07/23/2010
Date Data Arrived at EDR: 07/23/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
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: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

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: 07/23/2010
Date Data Arrived at EDR: 07/23/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

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

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/19/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 07/23/2010
Date Data Arrived at EDR: 07/23/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 20

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Semi-Annually

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

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

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
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: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 73

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 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: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 05/19/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
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: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

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

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

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: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

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. 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: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 14

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 07/19/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/17/2010
Next Scheduled EDR Contact: 12/20/2010
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: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 09/08/2010
Next Scheduled EDR Contact: 12/06/2010
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: 07/27/2010
Date Data Arrived at EDR: 08/13/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
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: 06/14/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
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: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 12/31/2009
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 30

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
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: 07/23/2010
Date Data Arrived at EDR: 07/23/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 20

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
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: 07/23/2010
Date Data Arrived at EDR: 07/23/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
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: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
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: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
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: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
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: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
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: 05/07/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/09/2010
Next Scheduled EDR Contact: 12/20/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
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: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
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: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
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: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/15/2010
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: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
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: 02/01/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 109

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/30/2010
Next Scheduled EDR Contact: 11/01/2010
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: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
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: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
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: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
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: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
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

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: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2010
Date Data Arrived at EDR: 05/25/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
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: 07/08/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 34

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
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: 12/22/2009
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 4

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 12/31/2009
Date Data Arrived at EDR: 07/07/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 36

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
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: 12/31/2007
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 9

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/11/2010
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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 14

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

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

Date of Government Version: 05/27/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

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

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

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

Date of Government Version: 07/21/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/16/2010
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 24

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing
Financial Assurance information

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

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 08/13/2010
Next Scheduled EDR Contact: 11/15/2010
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: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/10/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
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: 08/16/2010
Date Data Arrived at EDR: 08/17/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 3

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
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: 07/19/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

KERN COUNTY:

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

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 15

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

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

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/26/2010
Date Data Arrived at EDR: 08/10/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 10

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
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: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

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

Date of Government Version: 02/09/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 20

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/27/2010
Date Data Arrived at EDR: 07/28/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 15

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
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: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/07/2010
Date Data Arrived at EDR: 07/30/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 04/19/2010
Date Data Arrived at EDR: 04/30/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 18

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/12/2010
Next Scheduled EDR Contact: 10/25/2010
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: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: No Update Planned

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

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: No Update Planned

ORANGE COUNTY:

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

Date of Government Version: 05/05/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 47

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Annually

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

Date of Government Version: 05/05/2010
Date Data Arrived at EDR: 05/21/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 47

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 02/03/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/23/2010
Number of Days to Update: 11

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 06/22/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 15

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
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: 08/04/2010
Date Data Arrived at EDR: 08/13/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 7

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

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

Date of Government Version: 04/19/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 29

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

Date of Government Version: 06/30/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 07/26/2010
Date Data Arrived at EDR: 08/16/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 4

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 10/25/2010
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: 06/09/2010
Date Data Arrived at EDR: 06/11/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 28

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
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: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 12/04/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 45

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/23/2010
Next Scheduled EDR Contact: 12/27/2010
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: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/17/2010
Date Data Arrived at EDR: 05/17/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 53

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 11/29/2010
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: 05/14/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 30

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
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: 07/15/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

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

Date of Government Version: 06/21/2010
Date Data Arrived at EDR: 06/22/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 17

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Annually

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

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 18

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 11/29/2010
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: 06/07/2010
Date Data Arrived at EDR: 06/22/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 17

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 06/07/2010
Date Data Arrived at EDR: 06/23/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
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: 07/12/2010
Date Data Arrived at EDR: 07/13/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 30

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

SUTTER COUNTY:

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

Date of Government Version: 07/21/2010
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 21

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
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: 04/26/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 40

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
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: 08/01/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 10/13/2009
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 11/15/2010
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: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
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: 05/26/2010
Date Data Arrived at EDR: 06/24/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 15

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 04/07/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 35

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
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: 07/28/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 09/24/2010
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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

ALDER CAMP FIRING RANGE
ALDER CAMP ROAD
KLAMATH, CA 95548

TARGET PROPERTY COORDINATES

Latitude (North):	41.51270 - 41˚ 30' 45.7''
Longitude (West):	124.0757 - 124˚ 4' 32.5''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	410233.5
UTM Y (Meters):	4596020.0
Elevation:	533 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41124-E1 REQUA, CA
Most Recent Revision:	1966
South Map:	41124-D1 FERN CANYON, CA
Most Recent Revision:	1966

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

Assessment of the impact of contaminant migration generally has two 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

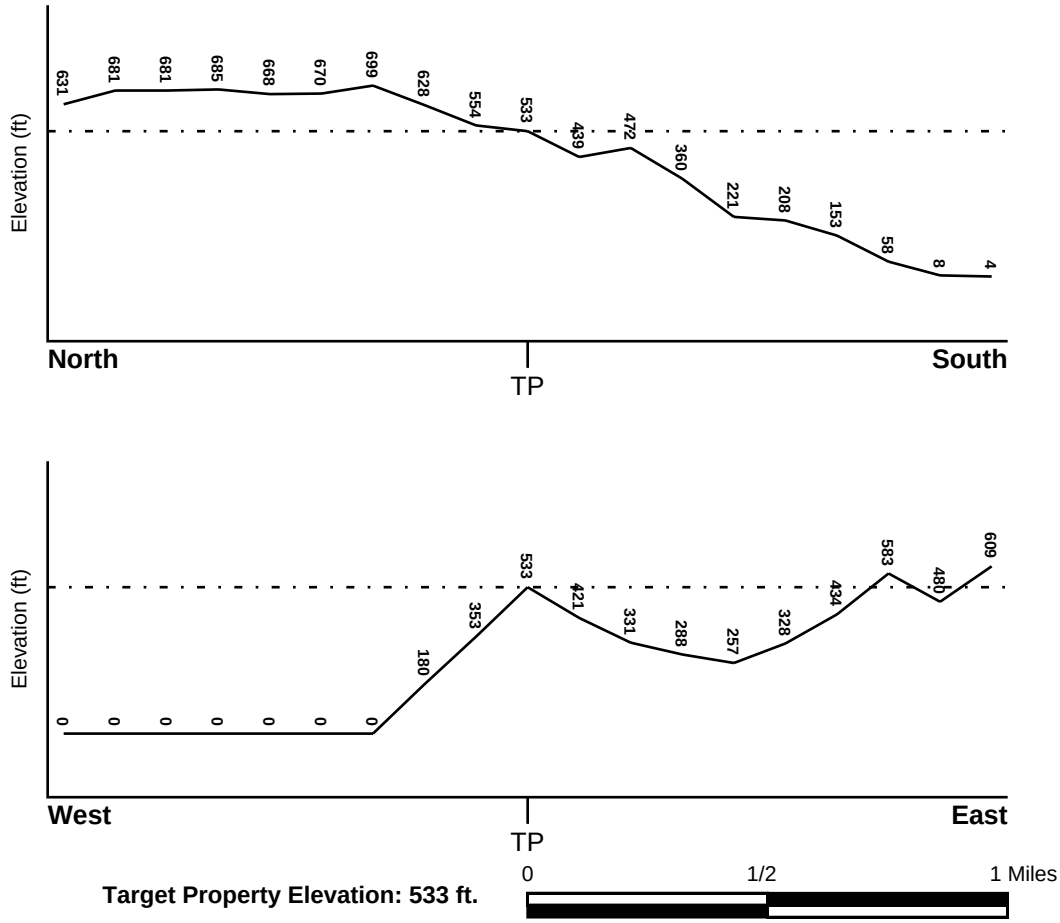
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 533 ft.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
DEL NORTE, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06015C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
REQUA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Mesozoic
Code:	uMze*(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	ATWELL
Soil Surface Texture:	clay loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

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

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	17 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.00 Min: 5.10
2	17 inches	30 inches	gravelly - clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 0.20 Min: 0.06	Max: 6.00 Min: 4.50
3	30 inches	54 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 5.50 Min: 4.50
4	54 inches	62 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.80 Min: 6.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: very gravelly - loam
gravelly - loam
gravelly - clay loam
unweathered bedrock
very gravelly - sand

Surficial Soil Types: very gravelly - loam
gravelly - loam
gravelly - clay loam
unweathered bedrock
very gravelly - sand

Shallow Soil Types: very cobbly - clay loam

Deeper Soil Types: weathered bedrock
unweathered bedrock
very cobbly - loam
stratified

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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 1.000 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

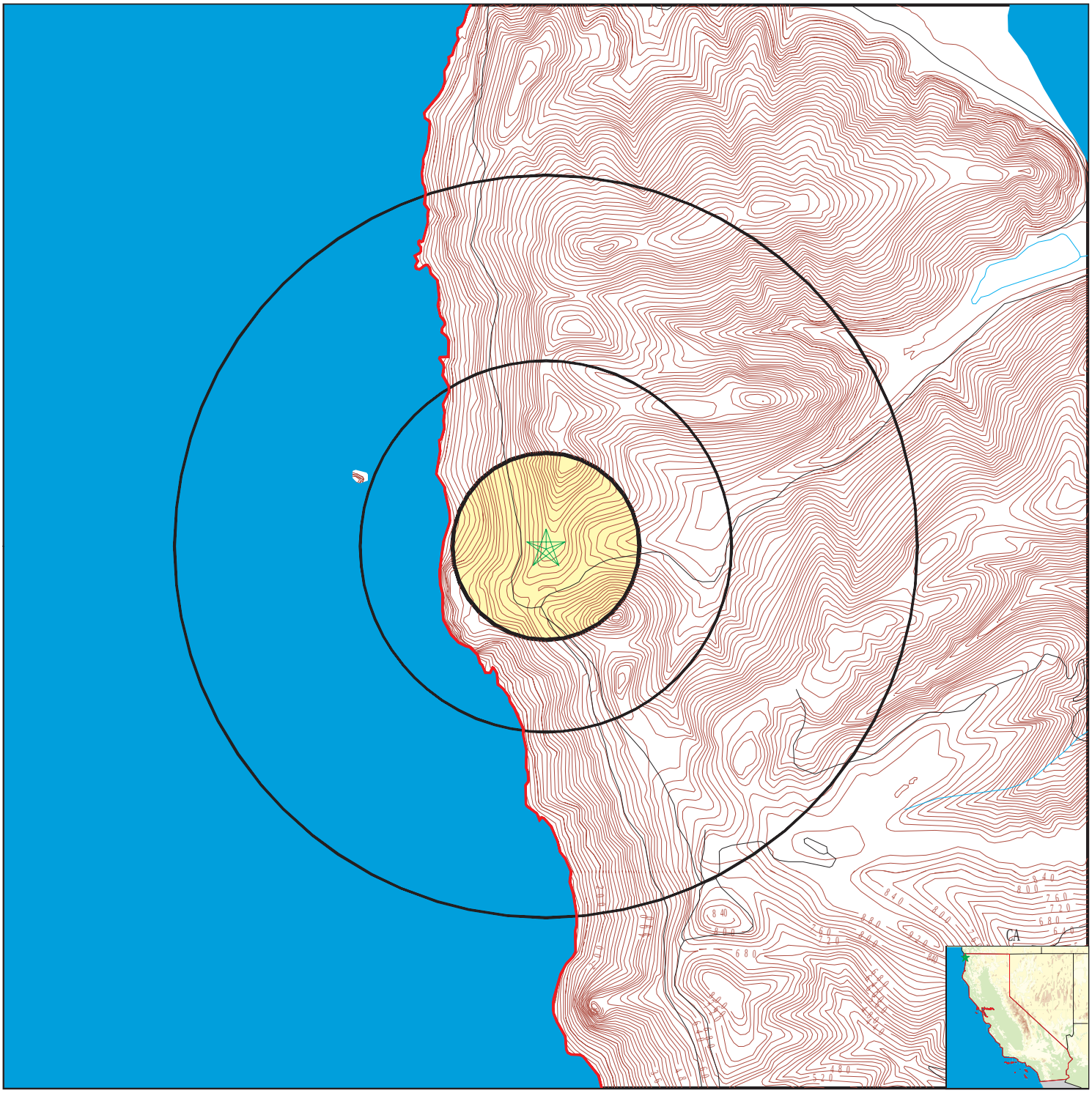
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2880103.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME: Alder Camp Firing Range ADDRESS: Alder Camp Road Klamath CA 95548 LAT/LONG: 41.5127 / 124.0757	CLIENT: Versar, Inc. CONTACT: Jen Isaac INQUIRY #: 2880103.2s DATE: September 28, 2010 12:30 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95548	2	0	0.00

Federal EPA Radon Zone for DEL NORTE County: 3

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

Federal Area Radon Information for Zip Code: 95548

Number of sites tested: 2

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

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

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation 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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Alder Camp Firing Range
Alder Camp Road
Klamath, CA 95548

Inquiry Number: 2880103.5
October 01, 2010

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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

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Date EDR Searched Historical Sources:

Aerial Photography October 01, 2010

Target Property:

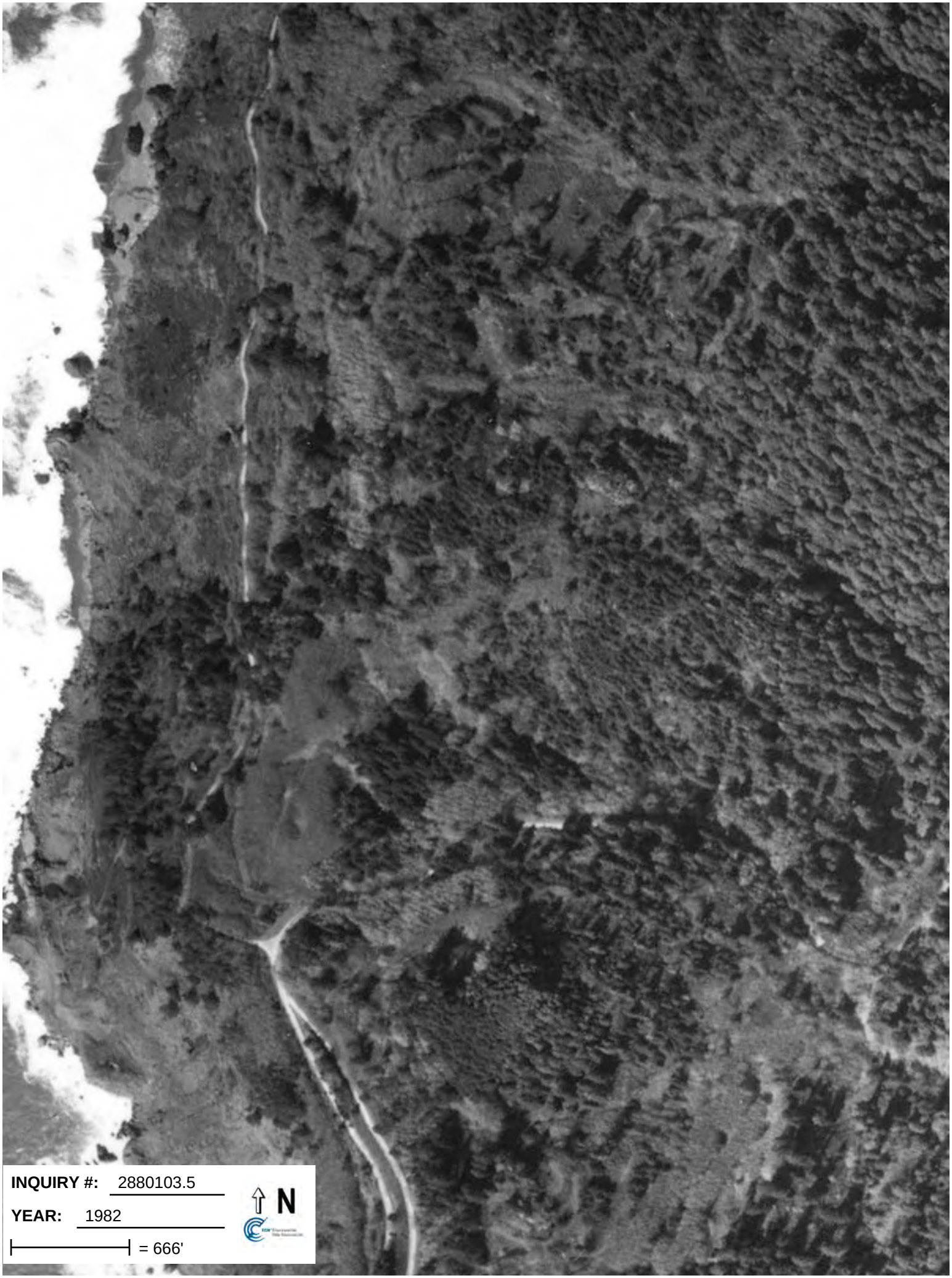
Alder Camp Road

Klamath, CA 95548

Year	***Scale***	***Details***	***Source***
1964	Aerial Photograph. Scale: 1"=600'	Flight Year: 1964	USGS
1978	Aerial Photograph. Scale: 1"=525'	Flight Year: 1978	NASA
1982	Aerial Photograph. Scale: 1"=666'	Flight Year: 1982	NOS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR

INQUIRY #: 2880103.5
YEAR: 1964
= 600'
N

INQUIRY #: 2880103.5
YEAR: 1978
= 525'
N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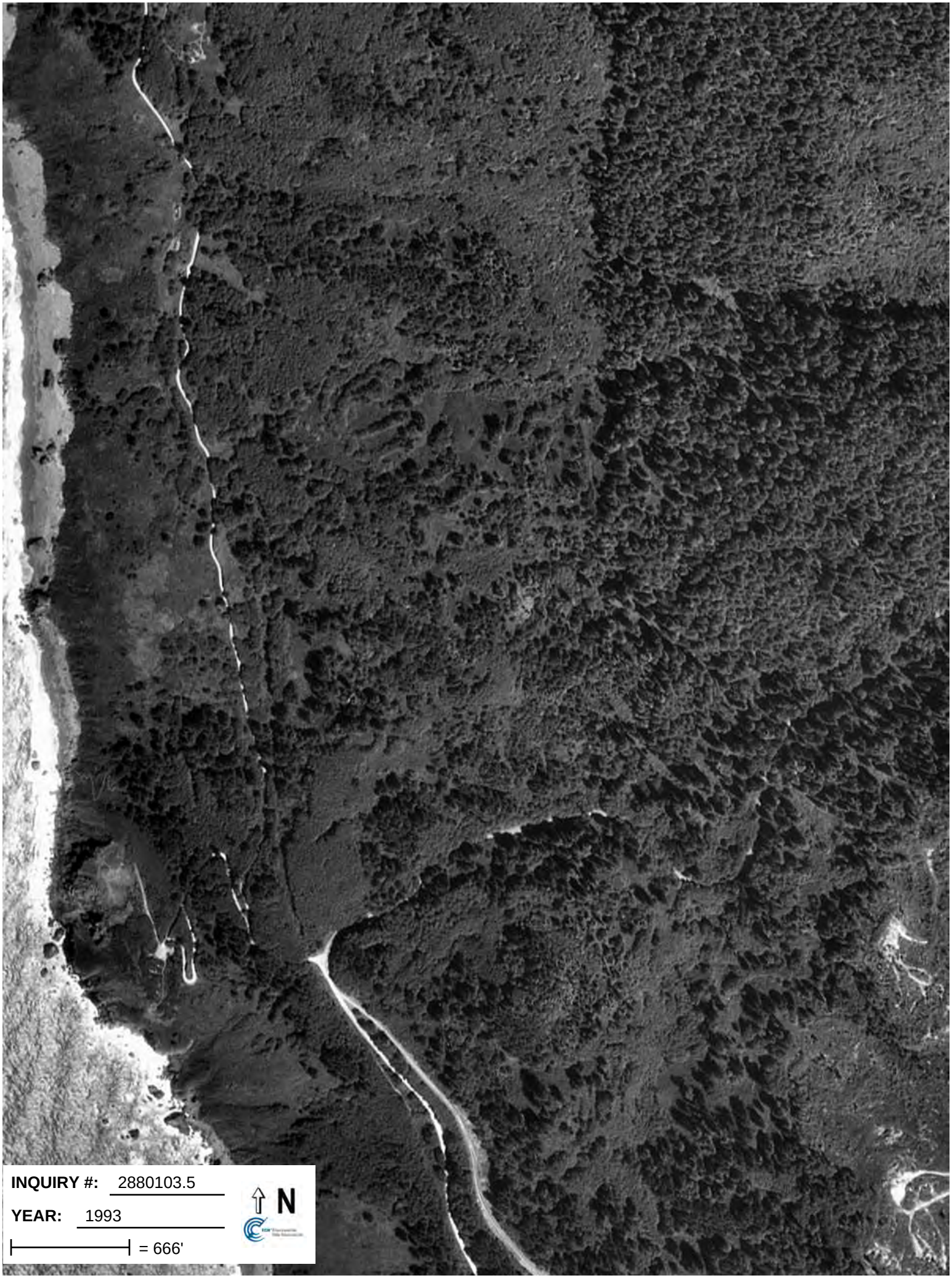
YEAR: 1982
= 666'
N


INQUIRY #: 2880103.5
YEAR: 1993
= 666'
N

INQUIRY #: 2880103.5
YEAR: 2005
= 604'
N

Alder Camp Firing Range
Alder Camp Road
Klamath, CA 95548

Inquiry Number: 2880103.4
September 28, 2010

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

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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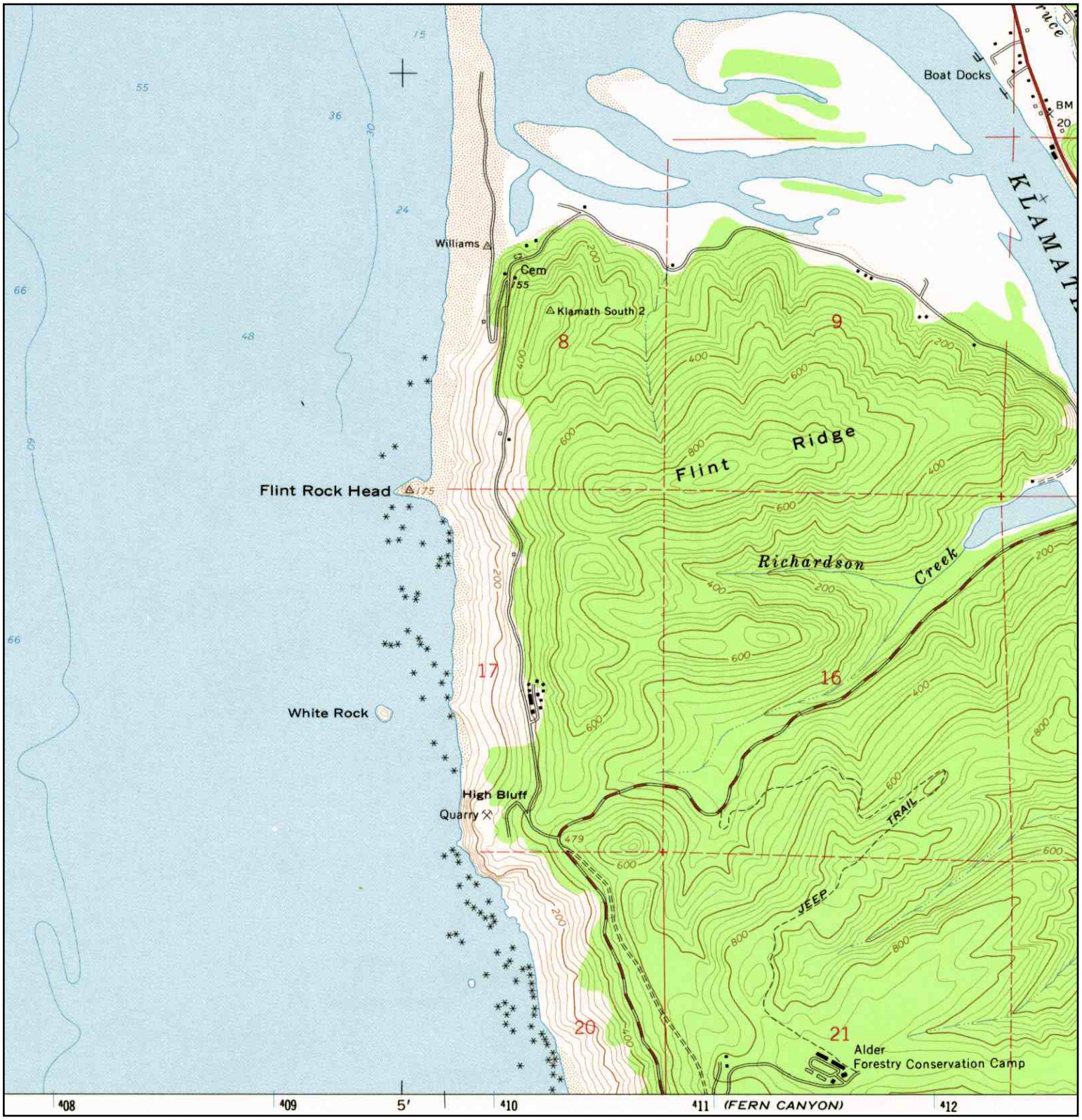
Historical Topographic Map

N	TARGET QUAD NAME: KLAMATH MAP YEAR: 1947 SERIES: 15 SCALE: 1:50000	SITE NAME: Alder Camp Firing Range ADDRESS: Alder Camp Road Klamath, CA 95548 LAT/LONG: 41.5127 / -124.0757	CLIENT: Versar, Inc. CONTACT: Jen Isaac INQUIRY#: 2880103.4 RESEARCH DATE: 09/28/2010

Historical Topographic Map

N	TARGET QUAD NAME: KLAMATH MAP YEAR: 1952 SERIES: 15 SCALE: 1:62500	SITE NAME: Alder Camp Firing Range ADDRESS: Alder Camp Road Klamath, CA 95548 LAT/LONG: 41.5127 / -124.0757	CLIENT: Versar, Inc. CONTACT: Jen Isaac INQUIRY#: 2880103.4 RESEARCH DATE: 09/28/2010

Historical Topographic Map



N	TARGET QUAD NAME: REQUA MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Alder Camp Firing Range ADDRESS: Alder Camp Road Klamath, CA 95548 LAT/LONG: 41.5127 / -124.0757	CLIENT: Versar, Inc. CONTACT: Jen Isaac INQUIRY#: 2880103.4 RESEARCH DATE: 09/28/2010

Historical Topographic Map

N	TARGET QUAD NAME: REQUA MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Alder Camp Firing Range ADDRESS: Alder Camp Road Klamath, CA 95548 LAT/LONG: 41.5127 / -124.0757	CLIENT: Versar, Inc. CONTACT: Jen Isaac INQUIRY#: 2880103.4 RESEARCH DATE: 09/28/2010

Alder Camp Firing Range
Alder Camp Road
Klamath, CA 95548

Inquiry Number: 2880103.6
September 29, 2010

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR CITY DIRECTORY ABSTRACT

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

NO COVERAGE

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

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APPENDIX D

HAZARD RANKING SCORING PACKAGE

Hazard Ranking Scoring Package

ALDER CAMP ROAD FIRING RANGE
REDWOOD NATIONAL AND STATE PARKS
ALDER CAMP ROAD
ORICK, CALIFORNIA

Prepared for:

U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
1111 Second Street
Crescent City, California 95531-4123

Versar Project No. 104700.4929.041

March 1, 2011

• SACRAMENTO AREA OFFICE •
7844 MADISON AVENUE, SUITE 167 • FAIR OAKS, CA 95628 • TELEPHONE (916) 962-1612 FAX (916) 962-2678

VERSAR

FOREWORD

Ms. Jennifer Isaac, Environmental Scientist, prepared this Hazard Ranking Scoring Package. This Hazard Ranking Scoring Package was reviewed and approved by Mr. Tim Berger, Program Manager.

Prepared by:

Jennifer Isaac
Environmental Scientist
Western Region

Reviewed by:

Tim Berger, PG, REA
Program Manager
Western Region

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Appendix A NPL Characteristics Data Collection Form

SECTION 1.0

SITE DESCRIPTION

Redwoods National and State Parks is a four-park system, in Northern California, managed jointly by the NPS and the California Department of Parks and Recreation (CDPR). The Site is located within the Redwoods National Park, which was established in 1968. The Site is located approximately 19 miles north of the town of Orick, off of Highway 101. The Site coordinates are 41.51275° north (latitude) and 124.07571° west (longitude). Access to the Site is via an unimproved road located off of Alder Camp Road. The road is closed to the general public and can only be accessed with NPS personnel escort. NPS still uses the Site as a firing range and does not intend to open up the area to public access. The location of the Site is presented in Figure 1, *Site Location Map*. The layout of the Site is presented if Figure 2, *Site Layout Map*.

1.1 Site History

According to NPS personnel, the Site was acquired in 1978 and was already an established firing range. Ten NPS park rangers use the Site twice a year for permit qualifying. The Site is also used occasionally by State Parks, BLM and the tribal police. The Site is currently active. Up until about two to three years ago, lead-based bullets were used. NPS personnel also indicated that no removal actions have occurred at the Site.

1.2 Preliminary Assessment Findings

A Preliminary Assessment (PA) was conducted by Versar, Inc. (Versar) in November 2010. The PA identified one area of concern, metals-contaminated soil at the former firing range. Lead was identified as the primary constituent of concern.

SECTION 2.0

HRS QUALITY CONTROL CHECKLIST

The HRS Quality Control Checklist is to be completed by the Regional reviewer and inserted into the final document.

SECTION 3.0

HRS QA SIGNATURE PAGE

The QA Signature Page is to be completed by EPA Region 9 Headquarters and inserted into the final document.

SECTION 4.0

HRS DOCUMENTATION RECORD COVER SHEET

Name of Site: Grapevine Small Arms Range, Death Valley National Park
EPA ID No.: NA

Contact Persons

Site Investigation: Tim Berger, Versar, Inc. 916-863-9323

Documentation Record: Jennifer Isaac, Versar, Inc. 916-863-9325

Pathways, Components, or Threats Not Scored

Based on Site conditions, the air exposure pathway was not scored.

4.1 HRS Documentation Record

Name of Site: Alder Camp Road Firing Range, Redwoods National and State Parks

EPA Region: 9 Date Prepared: 11/01/2010

Street Address of Site: Alder Camp Road

City, County, State: Orick, Del Norte County, California

General Location in the State: Redwoods National and State Parks, Orick, California (Figure 1).

Topographic Map: Figure 1

Latitude: (North)	Longitude: (West)
41.51275°	124.07571°

Scores	
Air Pathway	0.0
Ground Water Pathway	0.0
Soil Exposure Pathway	12.6
Surface Water Pathway	0.13
HRS SITE SCORE	**6.3**

4.2 Worksheet for Computing HRS Site Score

		S	S^2
1.	Ground Water Migration Pathway Score (S_{gw}) (from Table 3-1, line 13).	0	0
2a.	Surface Water Overland/Flood Migration Component (from Table 4-1, line 30)	0.2	
2b.	Ground Water to Surface Water Migration Component (from Table 4-25, line 28)	0.87	
2c.	Surface Water Migration Pathway Score (S_{sw}) Enter the larger of lines 2a and 2b as the pathway score.	0.13	0.20
3.	Soil Exposure Pathway Score (S_s) (from Table 5-1, line 22)	12.6	158.76
4.	Air Migration Pathway Score (S_a) (from Table 6-1, line 12)	0	0
5.	Total of $S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2$		158.78
6.	**HRS Site Score** Divide the value on line 5 by 4 and take the square root	6.3	

4.3 References

Reference Number	Description of the Reference
1	U.S. Environmental Protection Agency (EPA). Hazard Ranking System, 40 CFR Part 300, Appendix A, 55 FR 51533. December 14, 1990.
2	EPA. Superfund Chemical Data Matrix. June 1996. 95 pages.
3	Versar, Inc. Preliminary Assessment, Alder Camp Road Firing Range, Redwoods National and State Parks, Alder Camp Road, Orick, California. November 1, 2010.

4.4 Source Characterization

4.4.1 Source Identification

Name of source: Alder Camp Road Firing Range

Number of source: 1

Source Type: Contaminated soil

Description and Location of Source:

Redwoods National and State Parks is a four-park system, in Northern California, managed jointly by the NPS and the California Department of Parks and Recreation (CDPR). The Site is located within the Redwoods National Park, which was established in 1968. The Site is located approximately 19 miles north of the town of Orick, off of Highway 101. The Site coordinates are 41.51275° north (latitude) and 124.07571° west (longitude). Access to the Site is via an unimproved road located off of Alder Camp Road. The road is closed to the general public and can only be accessed with NPS personnel escort. NPS still uses the Site as a firing range and does not intend to open up the area to public access.

4.4.1.1 Hazardous Substances Associated with the Site

- Background Concentrations:

Sample ID	Sample Type	Date	Hazardous Substance	Hazardous Substance Concentration	Sample Quantitation Limit	Reference
NA						

Notes:
NA = Not Available

- Source Samples:

Sample ID	Sample Type	Date	Hazardous Substance	Hazardous Substance Concentration	Sample Quantitation Limit	Reference
NA						

Notes:
NA = Not available

4.4.1.2 Hazardous Substances Available to a Pathway

Containment Description	Containment Factor Value	Reference
Particulate release to air: All situations except those specifically listed in HRS Table 6-9.	10	1
Release to groundwater:	10	1
Release via overland migration and/or flood:	10	1

Notes:

4.4.1.3 Hazardous Waste Quantity

4.4.1.3.1. Area

Description: Area of the Grapevine Firing Range

Source Type	Area	Units	Reference
Contaminated Soil	13,500	ft^2	3

Sum (ft^2): 13,500
Equation for Assigning Value (Table 2-5): A/34,000

Volume Assigned Value: 1

4.2.4.3.2. Source Hazardous Waste Quantity Value

Highest assigned value: 1

SUMMARY OF SOURCE DESCRIPTIONS

Source No.	Source Hazardous Waste Quantity Value	Source Hazardous Constituent Quantity Complete? (Y/N)	Containment Factor Value by Pathway				
			Ground-Water (GW)	Surface Water (SW)		Air	
				Overland/ flood	GW to SW	Gas	Particulate
1	1	No	10	10	10	NA	NA

SECTION 5.0

GROUNDWATER EXPOSURE PATHWAY

5.1 General Considerations

Groundwater Pathway Description: 1

- Aquifer Stratum 1 (uppermost): Assumed to be loam, clayey soils.

SUMMARY OF AQUIFERS BEING EVALUATED

Aquifer No.	Aquifer Name	Is Aquifer Interconnected With Upper Aquifer Within 2 Miles (Y/N/NA)	Is Aquifer Continuous within 4-mile TDL (Y/N)	Is Aquifer Karst (Y/N)
1	Shallow Aquifer	NA	NA	N

5.2 Likelihood of Release

5.2.1 Observed Release

Aquifer Being Evaluated: 1

Direct Observation

None

-Basis for Direct Observation

None

5.3 Waste Characteristics

5.3.1 Toxicity

Hazardous Substance	Toxicity Factor Value	Reference
Lead	100	2

Toxicity Factor Value: 100

5.3.2 Hazardous Waste Quantity

Description

Source Type	Area (ft^2)	Reference
Contaminated Soil	13,500	3

Sum (ft^2): 13,500

– Calculation of Hazardous Waste Quantity Factor Value:

Area Letter	Source Type	Tier D Equation	Area Hazardous Waste Quantity
A	Contaminated Soil	A/34,000	0.397

Sum of Values:

Hazardous Waste Quantity Factor Value (Table 2-6): 1

5.3.3 Calculation of Waste Characteristics Factor Category Value

Toxicity Factor Value: 100
Hazardous Waste Quantity Factor Value: 1

Toxicity Factor Value x Hazardous Waste Quantity Factor Value: 100

Waste Characteristics Factor Category Value: 3
(Table 2-7)

5.4 Targets

5.4.1 Nearest Well

There are no wells within four miles of the Site.

Resident Individual Factor Value: 0.00

5.4.2 Population

5.4.2.1 Level of Contamination

None

5.4.2.2 Level I Concentrations

Level I Well	Aquifer No.	Population	Reference
None			

Sum of individuals subject to Level I concentrations: 0.00
Sum of individuals subject to Level I concentrations x 10: 0.00

Level I Concentrations Factor Value: 0.00

5.4.2.3 Level II Concentrations

Level II Well	Aquifer No.	Population	Reference
None			

Sum of individuals subject to Level II concentrations: 0.00

Level II Concentrations Factor Value: 0.00

5.4.2.4 Potential Contamination

Distance Category	Population	Reference	Distance-Weighted Population Value
None			

Sum of Distance-Weighted Population Values: 0

Sum of Distance-Weighted Population Values/10: 0

Potential Contamination Factor Value: 0

5.4.3 Resources

Well ID	Aquifer No.	Resource Use	Reference
None			

Resources Factor Value: 0.00

5.4.4 Wellhead Protection Area

Area	Aquifer No.	Resource Use	Reference
None			

TABLE 5-1 – GROUNDWATER MIGRATION PATHWAY SCORESHEET

Factor categories and factors	Maximum Value	Value Assigned	
Aquifer Evaluated: Valley Alluvium			
Likelihood of Release to an Aquifer:			
1. Observed Release	550	0	
2. Potential to Release:			
2a. Containment	10	10	
2b. Net Precipitation	10	10	
2c. Depth to Aquifer	5	5	
2d. Travel Time	35	5	
2e. Potential to Release [lines 2a(2b + 2c + 2d)]	500	200	
3. Likelihood of Release (higher of lines 1 and 2e)	550		200
Waste Characteristics:			
4. Toxicity/Mobility	(a)	100	
5. Hazardous Waste Quantity	(a)	10	
6. Waste Characteristics	100		6
Targets:			
7. Nearest Well	(b)	0	
8. Population:			
8a. Level I Concentrations	(b)		
8b. Level II Concentrations	(b)		
8c. Potential Contamination	(b)	0	
8d. Population (lines 8a + 8b + 8c)	(b)	0	
9. Resources	5	0	
10. Wellhead Protection Area	20	0	
11. Targets (lines 7 + 8d + 9 + 10)	(b)		0
Ground Water Migration Score for an Aquifer:			
12. Aquifer Score [(lines 3 x 6 x 11)/82,5000][c]	100		0
Ground Water Migration Pathway Score:			
13. Pathway Score (S_{gw}), (highest value from line 12 for all aquifers evaluated)[c]	100		0

[a] Maximum value applies to waste characteristics category
[b] Maximum value not applicable
[c] Do not round to nearest integer

SECTION 6.0

SURFACE WATER MIGRATION PATHWAY

6.1 Overland/Flood Migration Component - Richardson Creek

6.1.1 Definition of Hazardous Substance Migration Path for Overland/Flood Component

6.1.2 Likelihood of Release

6.1.2.1 Observed Release

Direct Observation

None

Chemical Analysis

None

6.1.2.2 Drinking Water Threat Waste Characteristics

6.1.2.2.1 Toxicity

Hazardous Substance	Toxicity Factor Value	Reference
Lead	10,000	2

Toxicity Factor Value: 10,000.00

6.1.2.2.2 Hazardous Waste Quantity

Description

Source Type	Area (ft^2)	Reference
Contaminated Soil	13,500	3

Sum (ft^2): 13,500

- Calculation of Hazardous Waste Quantity Factor Value:

Area Letter	Source Type	Tier D Equation	Area Hazardous Waste Quantity
A	Contaminated Soil	A/34,000	0.397

Sum of Values: 0.099

Hazardous Waste Quantity Factor Value (Table 2-6): 1

6.1.2.2.3 Calculation of Waste Characteristics Factor Category Value

Toxicity/Persistence Factor Value: 10,000
Hazardous Waste Quantity Factor Value: 1

Toxicity Factor Value x Hazardous Waste Quantity Factor Value: 10,000

Waste Characteristics Factor Category Value: 10
(Table 2-7)

6.1.2.3 Drinking Water Threat Targets

<u>Level I Concentrations</u>

None

<u>Level II Concentrations</u>

None

Nearest Intake Factor: 0

6.1.2.3.2 Population

6.1.2.3.2.1 Level I Concentrations

Sum of individuals subject to Level I concentrations: 0.00
Sum of individuals subject to Level I concentrations x 10: 0.00

Level I Concentrations Factor Value: 0.00

6.1.2.3.2.2 Level II Concentrations

Sum of individuals subject to Level II concentrations: 0.00

Level II Concentrations Factor Value: 0.00

6.1.2.3.2.3 Potential Contamination

Sum of Distance-Weighted Population Values: 0

Sum of Distance-Weighted Population Values/10: 0

6.1.2.3.3 Resources

Description of Resource(s): Major or designated water recreation area, excluding drinking water use.
-
Resources Factor Value: 0

6.1.3 Human Food Chain Threat Waste Characteristics

6.1.3.1 Toxicity/Persistence/Bioaccumulation

Hazardous Substance	Toxicity Factor Value	Persistence Factor Value	Bioaccumulation Factor Value	Toxicity/ Persistence/ Bioaccumulation Factor Value	Reference
Lead	10,000	1	5	50,000	2

Toxicity/Persistence/Bioaccumulation Factor Value: 50,000

6.1.3.2 Hazardous Waste Quantity

Description

Source Type	Area (ft^2)	Reference
Contaminated Soil	13,500	3

Sum (ft^2): 13,500

Calculation of Hazardous Waste Quantity Factor Value:

Area Letter	Source Type	Tier D Equation	Area Hazardous Waste Quantity
A	Contaminated Soil	A/34,000	0.397

Sum of Values: 0.397

Hazardous Waste Quantity Factor Value (Table 2-6): 1

6.1.3.3 Waste characteristics Factor Category Value

Toxicity/Persistence Factor Value: 10,000
Hazardous Waste Quantity Factor Value: 1

Toxicity/Persistence Factor Value x Hazardous Waste Quantity Factor Value: 10,000

Toxicity Persistence Factor x Hazardous Waste Quantity Factor Value
x Bioaccumulation Factor: 5 x 10,000

Waste Characteristics Factor Category Value: 10

6.1.3.4 Environmental Threat Waste Characteristics

6.1.3.4.1 Ecosystem Toxicity/Persistence/Bioaccumulation

Hazardous Substance	Toxicity Factor Value	Reference
Lead	1,000	2

Toxicity Factor Value: 1,000

6.1.3.4.2 Hazardous Waste Quantity

Description

Source Type	Area (ft^2)	Reference
Contaminated Soil	13,500	3

Sum of Values: 13,500
Hazardous Waste Quantity Factor Value: 1

6.1.3.4.3 Calculation of Waste Characteristics Factor Category Value

Ecosystem Toxicity/Persistence Factor Value: 5×10^7
Hazardous Waste Quantity Factor Value: 1

Ecosystem Toxicity/Persistence Factor Value x Hazardous Waste Quantity Factor Value: 5×10^7

Toxicity Persistence Factor x Hazardous Waste Quantity Factor Value
x Bioaccumulation Factor: 5×10^7

Waste Characteristics Factor Category Value: 100

TABLE 6-1 – SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

Factor categories and factors	Maximum Value	Value Assigned	
Watershed Evaluated: Surface Water			
Drinking Water Threat			
Likelihood of Release:			
1. Observed Release	550	0	
2. Potential to Release by Overland Flow:			
2a. Containment	10	10	
2b. Runoff	10	0	
2c. Distance to Surface Water	25	6	
2d. Potential to Release by Overland Flow [lines 2a(2b + 2c)]	500	60	
3.Potential to Release by Flood:			
3a. Containment (Flood)	10	10	
3b. Flood Frequency	50	0	
3c. Potential to Release by Flood (lines 3a x 3b)	500	0	
4. Potential to Release (lines 2d + 3c, subject to a maximum of 500)	500	60	
5. Likelihood of Release (higher of lines 1 and 4)	550		60
Waste Characteristics:			
6. Toxicity/Persistence	(a)	10000	
7. Hazardous Waste Quantity	(a)	10	
8. Waste Characteristics	100		18
Targets:			
9. Nearest Intake	50	2	
10. Population:			
10a. Level I Concentrations	(b)	0	
10b. Level II Concentrations	(b)	0	
10c. Potential Contamination	(b)	0	
10d. Population (lines 10a + 10b + 10c)	(b)	0	
11. Resources	5	5	
12. Targets (lines 9 + 10d + 11)	(b)		7
Drinking Water Threat Score:			
13. Drinking Water Threat Score [(lines 5x8x12)/82,500, subject to a max of 100]	100		0.09
Human Food Chain Threat			
Likelihood of Release:			
14. Likelihood of Release (same value as line 5)	550		60
Waste Characteristics:			
15. Toxicity/Persistence/Bioaccumulation	(a)	50000	
16. Hazardous Waste Quantity	(a)	10	
17. Waste Characteristics	1000		18
Targets:			
18. Food Chain Individual	50	2	
19. Population			
19a. Level I Concentration	(b)	0	
19b. Level II Concentration	(b)	0	
19c. Potential Human Food Chain Contamination	(b)	0	

19d. Population (lines 19a + 19b + 19c)	(b)	0	
20. Targets (lines 18 + 19d)	(b)		2
Human Food Chain Threat Score:			
21. Human Food Chain Threat Score [(lines 14x17x20)/82500, subject to max of 100]	100		0.03
Environmental Threat			
Likelihood of Release:			
22. Likelihood of Release (same value as line 5)	550		60
Waste Characteristics:			
23. Ecosystem Toxicity/Persistence/Bioaccumulation	(a)	50000000	
24. Hazardous Waste Quantity	(a)	10	
25. Waste Characteristics	1000		100
Targets:			
26. Sensitive Environments			
26a. Level I Concentrations	(b)	0	
26b. Level II Concentrations	(b)	0	
26c. Potential Contamination	(b)	0.1	
26d. Sensitive Environments (lines 26a + 26b + 26c)	(b)	0.1	
27. Targets (value from line 26d)	(b)		0.1
Environmental Threat Score:			
28. Environmental Threat Score [(lines 22x25x27)/82,500 subject to a max of 60]	60		0.01
Surface Water Overland/Flood Migration Component Score for a Watershed			
29. Watershed Score[c] (lines 13+21+28, subject to a max of 100}	100		0.13
Surface Water Overland/Flood Migration Component Score			
30. Component Score (S_{sw})[c] (highest score from line 29 for all watersheds evaluated)	100		0.13

[a] Maximum value applies to waste characteristics category
[b] Maximum value not applicable
[c] Do not round to nearest integer

SECTION 7.0

SOIL EXPOSURE PATHWAY

7.0 SOIL EXPOSURE PATHWAY

7.1 General Considerations

Letter by which this area is to be identified: A

Name of area: Alder Camp Road Firing Range, Redwoods National and State Parks

Location and description of area:

Redwoods National and State Parks is a four-park system, in Northern California, managed jointly by the NPS and the California Department of Parks and Recreation (CDPR). The Site is located within the Redwoods National Park, which was established in 1968. The Site is located approximately 19 miles north of the town of Orick, off of Highway 101. The Site coordinates are 41.51275° north (latitude) and 124.07571° west (longitude). Access to the Site is via an unimproved road located off of Alder Camp Road. The road is closed to the general public and can only be accessed with NPS personnel escort. NPS still uses the Site as a firing range and does not intend to open up the area to public access.

Observed Contamination Evidence:

Spent bullets casings were observed throughout the Site. Lead-based bullets were used for at least three decades.

Sample ID	Sample Type	Date	Hazardous Substance	Hazardous Substance Concentration	Sample Quantitation Limit	Reference
NA						

Notes:
NA = Not available

7.2 Resident Population Threat

7.2.1 Likelihood of Exposure

Sample ID	Distance of Population/Resource from Area of Observed Contamination	Reference
None		

Resident Population Threat Likelihood of Exposure Factor Category Value: 0

7.2.2 Waste Characteristics

7.2.2.1 Toxicity

Hazardous Substance	Toxicity Factor Value	Reference
Lead	10,000	2

Toxicity Factor Value: 10,000

7.2.2.2 Hazardous Waste Quantity

Description

Source Type	Area (ft^2)	Reference
Contaminated Soil	13,500	3

Sum (ft^2): 13,500

– Calculation of Hazardous Waste Quantity Factor Value:

Area Letter	Source Type	Tier D Equation	Area Hazardous Waste Quantity
A	Contaminated Soil	A/34,000	0.397

Sum of Values: 0.397
Hazardous Waste Quantity Factor Value: 1

7.2.2.3 Calculation of Waste Characteristics Factor Category Value

Toxicity Factor Value: 10,000
Hazardous Waste Quantity Factor Value: 1

Toxicity Factor Value x Hazardous Waste Quantity Factor Value: 10,000

Waste Characteristics Factor Category Value: 10
(Table 2-7)

7.2.3 Targets

7.2.3.1 Resident Individual

Area Letter: A

Level of Contamination (Level I/Level II): NA

Reference: -

Resident Individual Factor Value: 0

7.2.3.2 Resident Population

7.2.3.2.1 Level I Concentrations

Area Letter	Sample ID	Number of Residences	County Multiplier	Total No. of Residents	References
None					

Sum of individuals subject to Level I concentrations: 0.00
Sum of individuals subject to Level I concentrations x 10: 0.00

Level I Concentrations Factor Value: 0.00

7.2.3.2.2 Level II Concentrations

Area Letter	Sample ID	Number of Residences	County Multiplier	Total No. of Residents	References
None					

Sum of individuals subject to Level II concentrations: 0.00

Level II Concentrations Factor Value: 0.00

7.2.3.3 Workers

Area Letter	Number of Workers	Reference
A	10	3

Total workers: 10

Workers Factor Value: 5

7.2.3.4 Resources

Description of Resource(s):

Resources Factor Value: 0

7.2.3.5 Terrestrial Sensitive Environments

Area Letter	Terrestrial Sensitive Environment	Assigned Value (Table 5-5)	References
A	National Park	100	3

Likelihood of exposure factor category value (LE): 0
Waste characteristics factor category value (WC): 10
Terrestrial sensitive environments value (ES): 0
Product (LE x WC x ES): 0
(LE x WC x ES)/82,500 (EC): 0

If result is greater than 60 then use following equation:
(60)(82,500)/(LE x WC): 0

Terrestrial Sensitive Environments Factor Value: 0

7.3 Nearby Population Threat

7.3.1 Likelihood of Exposure

7.3.1.1 Attractiveness/Accessibility

Area Letter	Description of Area	Assigned Value	Reference
A	Accessible with no public recreation use	10	3

Attractiveness/Accessibility Factor Value: 10

7.3.1.2 Area of Contamination

Area Letter	Size of Area of Observed Contamination (ft^2)	Reference
A	13,500	3

Total Area of Observed Contamination (ft^2): 13,500

Area of Contamination Factor Value: 5

7.3.1.3 Likelihood of Exposure Factor Category

Area of Contamination Factor Value: 5
Attractiveness/Accessibility Factor Value: 10

Nearby Population Likelihood of Exposure Factor Category Value: 0

7.3.2 Waste Characteristics

7.3.2.1 Toxicity

Hazardous Substance	Toxicity Factor Value	Reference
Lead	10,000	2

Toxicity Factor Value: 10,000

7.3.2.2 Hazardous Waste Quantity

Source Type	Area (ft^2)	Reference
Contaminated Soil	13,500	3

Sum of Values: 13,500

Hazardous Waste Quantity Factor Value: 1

7.3.2.3 Calculation of Waste Characteristics Factor Category Value

Toxicity Factor Value: 10,000
Hazardous Waste Quantity Factor Value: 1

Toxicity Factor Value x Hazardous Waste Quantity Factor Value: 10,000

Waste Characteristics Factor Category Value: 10

7.3.3 Targets

7.3.3.1 Nearby Individual

Area Letter	Travel Distance from Residence or School	Assigned Value	References
A	Greater than 1/4 mile	0	3

Nearby Individual Factor Value: 0

7.3.3.2 Population within 1 Mile

Travel Distance Category (miles)	Number of People	Distance-Weighted Value	References
Greater than 1/½ to 1 mile	12	0.1	3

Sum of Distance-weighted Values: 0.1
Sum of Distance-weighted Values/10: 0.01

Population within 1 Mile Factor Value: 0.01

TABLE 7-1 – SOIL EXPOSURE PATHWAY SCORESHEET

Factor categories and factors	Maximum Value	Value Assigned	
Likelihood of Exposure:			
1. Likelihood of Exposure	550		550
Waste Characteristics:			
2. Toxicity	(a)	10000	
3. Hazardous Waste Quantity	(a)	10	
4. Waste Characteristics	100		18
Targets:			
5. Resident Individual	50	0	
6. Resident Population:			
6a. Level I Concentrations	(b)	0	
6b. Level II Concentrations	(b)	0	
6c. Population (lines 6a + 6b)	(b)	0	
7. Workers	15	5	
8. Resources	5	0	
9. Terrestrial Sensitive Environments	(c)	100	
10. Targets (lines 5 + 6c + 7 + 8 + 9)	(b)		105
Resident Population Threat Score			
11. Resident Population Threat Score (lines 1 x 4 x 10)	(b)		1039500
Nearby Population Threat			
Likelihood of Exposure:			
12. Attractiveness/Accessibility	100	10	
13. Area of Contamination	100	5	
14. Likelihood of Exposure	500		5
Waste Characteristics:			
15. Toxicity	(a)	10000	
16. Hazardous Waste Quantity	(a)	10	
17. Waste Characteristics	100		18
Targets:			
18. Nearby Individual	1	0	
19. Population Within 1 Mile	(b)	0.01	
20. Targets (lines 18 + 19)	(b)		0.01
Nearby Population Threat Score			
21. Nearby Population Threat (lines 14 x 17 x 20)	(b)		0.9
Soil Exposure Pathway Score:			
22. Pathway Score[d] (S_s), [lines (11+21)/82,500, subject to max of 100]	100		12.6

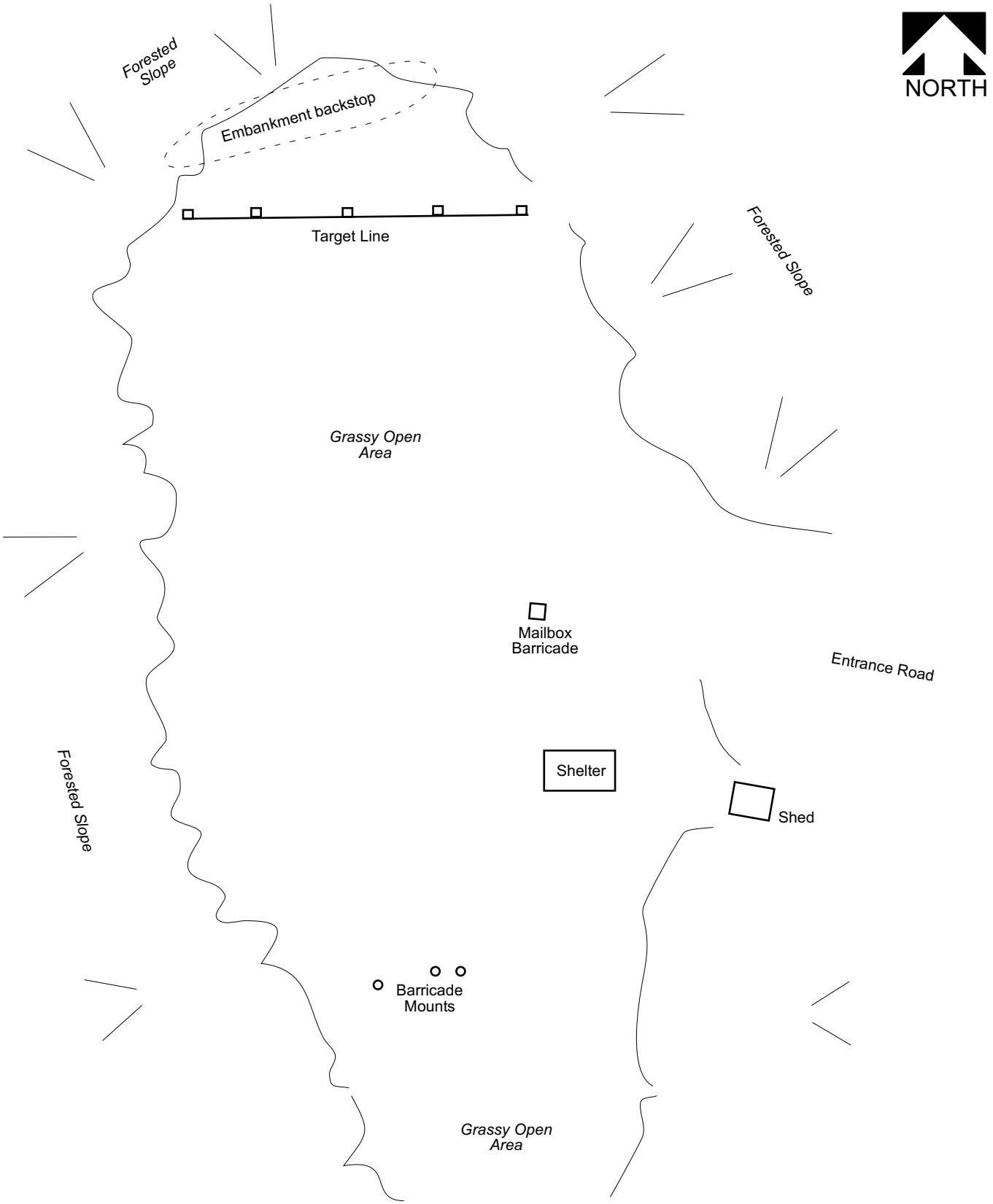
[a] Maximum value applies to waste characteristics category
[b] Maximum value not applicable
[c] No specific maximum value applies to factor. However, pathway score based solely on terrestrial sensitive environments is limited to a maximum of 60
[d] Do not round to nearest integer

FIGURES

NORTH

Source: Redwood National and State Parks Atlas, Klamath River

Dr. By: NH	VERSAR 7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612	**SITE LOCATION MAP** Alder Camp Road Firing Range Redwood National & State Parks Alder Camp Road Orick, California	**Figure 1**
Date: 11/8/2010			
Scale: NTS			
Project No.:104700.4929.041			



Dr. By: TB	
Date: 11/8/2010	
Scale: NTS	
Project No.:104700.4929.041	

VERSAR
7844 Madison Avenue
Suite 167
Fair Oaks, CA 95628
(916) 962-1612

SITE LAYOUT MAP
Alder Camp Road Firing Range
Redwood National & State Parks
Alder Camp Road
Orick, California

Figure 2

APPENDIX A

NPS CHARACTERISTICS DATA COLLECTION FORM

NPL Characteristics
Data Collection Form
(Version 3.0, December 2001)

Site Name: Alder Camp Road Firing Range

Region: 9 State: CA

This form should be completed for all sites being proposed for addition to the NPL and included as part of the complete HRS package submitted to EPA Headquarters.

Office of Emergency and Remedial Response
U.S. Environmental Protection Agency

NPL Characteristics Data Collection Form

General Instructions

The NPL Characteristics Data Collection Form is designed to standardize the site information collected for input into the Superfund NPL Assessment Program (SNAP) Database. This database serves as a repository for general information about NPL sites and is used to respond to queries about NPL sites from a variety of sources including the general public, the press, other government agencies, and members of Congress. The primary source materials for completing this form are Regional site file documents (e.g., Preliminary Assessment (PA) and Site Investigation (SI) reports), along with the site's Hazard Ranking System scoring package. Although much of the information needed to complete the form is expected to be available in the HRS scoring package, other sources in a site file may need to be consulted for some questions. If definitive data are not available in the site file to answer a question, estimates based on best professional judgment and other sources of information are acceptable.

As you complete the NPL Characteristics Data Collection Form, keep the following points in mind.

- Please complete the form in ink, and print legibly, or complete using a word processor such as WordPerfect 6.1 or a later version of WordPerfect. If you are completing the form electronically, you should be able to check the boxes in this form by left-clicking your mouse in the boxes. If you get an error message stating "Macro checkbox.wcm not found", you can run the WordPerfect Setup to install all the macros. Select a custom install, then look for Macros as one of the components under WordPerfect.

- Use the most current information available (e.g., SI-level information has priority over PA-level information).

- Try to use the listed response options when answering a question, and use "unknown" and "other" responses ***only*** when absolutely necessary. If, however, the available response options for a question are not adequate to accurately describe the site, use the "other" response and provide a brief explanation in the space provided.

- Use the margins to explain responses that do not match listed response options or to provide clarifying information. If you need additional room to clarify responses, use the space provided in Appendix D.

- Some questions may go beyond the scope of the HRS scoring package (e.g., may relate to pathways not scored). Answer these questions with the best information available, making reasonable "educated guesses" if necessary.

- "Current," as used in this form, should be interpreted as the general time period of HRS scoring package preparation.

- "Principal contamination," as used in this form, should be interpreted as the contamination that is primarily responsible for a site's proposal to the NPL.

Please respond to ***all*** questions with the answer that you believe best represents the site conditions, given the information available at the time of HRS scoring package preparation.

1. Basic Identifying Information

1.1 **SITE NAME** (as shown on HRS Documentation Record): Alder Camp Road Firing Range
SITE ALIASES (if any):

1.2 **CERCLIS ID NUMBER** (12 digits):
Are there any other sites associated with this site? Please list their CERCLIS ID numbers:

1.3 **SITE ID** from CERCLIS3/WasteLAN (7 digits):

1.4 **CERCLIS SITE SPILL ID** (4 digits):

1.5 **NAME OF PERSON(S) COMPLETING FORM:** Jennifer Isaac
AFFILIATION (agency/company): Versar, Inc.
PHONE NUMBER: 916-863-9325

1.6 **DATE FORM WAS COMPLETED** (mm/dd/yyyy): 11/02/2010

1.7 **SITE LOCATION.**
Address or General Site Location: Off Alder Camp Road
City: Orick State: CA
County: Del Norte Zip Code of Facility:
Congressional District(s): 1st EPA Region: 9
Congressional District Representatives: Mike Thompson

1.8 **SITE COORDINATES.** Coordinates in degrees, minutes, seconds, and tenths of seconds and decimal degree formats: *If known, please provide site boundary polygon data in Appendix A.*

°	'	.	"		°	'	.	"	
				North Latitude					West Longitude
41	.	51275		North Latitude	124	.	07571		West Longitude

If tenths of seconds are unknown, use "0" as a default value. If necessary, refer to Appendix E of EPA's 1991 PA guidance document for directions on how to determine coordinates.

Description of Site Reference Point for Coordinates:
Coordinates provided by NPS.

Description Category. Describe the category of feature referenced by the site coordinates.

- ☐ Administrative building
- ☐ Air monitoring station

- ☐ Air release
  - ☐ Stack
  - ☐ Vent
- ☐ Atmosphere emissions treatment unit
- ☐ Center of facility
- ☐ Facility centroid
- ☐ Lagoon or settling pond
- ☐ Liquid waste treatment unit
- ☐ Loading area centroid
- ☐ Loading facility
- ☐ Northeast corner of land parcel
- ☐ Northwest corner of land parcel
- ☐ Plant entrance
  - ☐ General
  - ☐ Personnel
  - ☐ Freight
- ☐ Process unit
- ☐ Process unit area centroid
- ☐ Solid waste treatment/disposal unit
- ☐ Solid waste storage area
- ☐ Southeast corner of land parcel
- ☐ Southwest corner of land parcel
- ☐ Storage tank
- ☐ Water monitoring station
- ☐ Water release pipe
- ☐ Well
- ☐ Well protection area
- ☐ Within limits of groundwater plume
- ☐ Other (specify) _____
- ☐ Unknown

Method of Collection. Describe the method used to determine the site coordinates.

- ☐ Address matching
  - ☐ Block face
  - ☐ Digitized
  - ☐ House number
  - ☐ Nearest intersection
  - ☐ Primary name
  - ☐ Street centerline
  - ☐ Other (specify) _____
- ☐ Census
  - ☐ Block - 1990 - centroid
  - ☐ Block/group - 1990 - centroid

- ☐ Block tract - 1990 - centroid
- ☐ Other (specify) _____

☐ Classical surveying techniques

☐ Global Positioning System (GPS)

- ☐ Carrier phase kinematic relative positioning technique
- ☐ Carrier phase static relative positioning technique
- ☐ Code measurements (pseudo range) differential (DGPS)
- ☐ Code measurements (pseudo range) precise positioning service
- ☐ Code measurements (pseudo range) standard positioning service SA off
- ☐ Code measurements (pseudo range) standard positioning service SA on

☐ Interpolation

- ☐ Map
- ☐ Photo
- ☐ Satellite
- ☐ Other (specify) _____

☐ Loran C

☐ Public land survey

- ☐ Footing
- ☐ Quartering

☐ Zip code centroid

☐ Other (specify) _____

☒ Unknown

Accuracy Value. Describe the accuracy value as a range (+/-) of the latitude and longitude in meters.

Accuracy: +/- _____ Meters

Vertical Measure. Provide the vertical component of measured point. If no vertical component, leave blank.

_____

Horizontal Datum. Describe the reference datum of the latitude and longitude.

☐ NAD27

☐ NAD83

☐ Other (specify) _____

☒ Unknown

Source Scale. Describe the scale of the source used to determine the site coordinates.

☐ 1:10,000

☐ 1:12,000

☐ 1:15,840

☐ 1:20,000

☐ 1:24,000

☐ 1:25,000

☐ 1:50,000

☐ 1:62,500

☐ 1:63,360

☐ 1:100,000

☐ 1:125,000

☐ 1:250,000

- ☐ 1:500,000
- ☐ None
- ☐ Other (specify) _____
- ☐ Unknown

1.9 **NAME OF WATERSHED.** Watershed in which the site is located, from Surf Your Watershed at http://www.epa.gov/surf2/locate/: Redwood Creek

USGS Hydrologic Cataloging Code (8 digits): Unknown

1.10 **BASIS FOR NPL LISTING.** What is the reason for listing on the NPL?

- ☐ HRS Score ≥ 28.50
- ☐ Agency for Toxic Substances and Disease Registry (ATSDR) Health Advisory
- ☐ State Priority

1.11 **RCRA STATUS.** What is the current RCRA status of the site? (Check all that apply.)

- ☐ RCRA hazardous waste handler not subject to RCRA Subtitle C corrective action
  - ☐ Large quantity hazardous waste generator: Facility that generates over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month
  - ☐ Small quantity hazardous waste generator: Facility that generated between 100 kg and 1,000 kg of hazardous waste per month
  - ☐ Transporter: Entity that moves hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste
  - ☐ Protective filer: Facility that has filed a RCRA Part A permit application for treatment, storage, or disposal of Subtitle C hazardous wastes as a precautionary measure only
- ☐ Facility subject to RCRA Subtitle C that meets listing policy
  - ☐ Inability to finance: Facility is owned by persons who have demonstrated an inability to finance a cleanup as evidenced by their invocation of the bankruptcy laws
  - ☐ Unwillingness/loss of authorization to operate: Facility that has lost authorization to operate or for which there are indications that the owner/operator will be unwilling to undertake corrective action; includes loss of interim status (LOIS) facilities
  - ☐ Unwillingness/case-by-case determination: Facility that has a clear history of unwillingness as determined on a case-by-case basis
  - ☐ Converter: Facility that at one time was treating or storing RCRA Subtitle C hazardous waste but has since converted to generator-only status or any other hazardous waste activity for which interim status is not required
  - ☐ Non-filer or late filer: Facility that was treating, storing, or disposing of Subtitle C hazardous waste after November 19, 1980, and did not file Part A of a permit application by the date prescribed in 40 CFR 270.10 and has little or no history of RCRA compliance
  - ☐ Pre-HSWA permittee: Facility that received a RCRA Subtitle C operating permit for the treatment, storage, or disposal of Subtitle C hazardous waste that was issued prior to the enactment of HSWA, and whose owner/operator will not voluntarily consent to the reissuance of their permit to include corrective action requirements
- ☐ RCRA corrective action facility
- ☒ Not applicable (e.g., non-generator or very small quantity generator)

1.12 **SITE PERMITS.** Which of the following permits apply to the site? (Check all that apply.)

- ☐ Air
- ☐ Dredge and fill

- ☐ Marine
- ☐ NPDES (National Pollutant Discharge Elimination System)
- ☐ POTW (Publicly Owned Treatment Works)
- ☐ Radioactive
- ☐ RCRA
- ☐ RCRA interim status
- ☐ SMCRA (Surface Mining Control and Reclamation Act)
- ☐ Underground injection

1.13 **ATSDR HEALTH ADVISORY.** Has an ATSDR Health Advisory been issued?

☐ Yes ☒ No If yes, what was the date of issue? _____ mm/dd/yyyy

ATSDR HEALTH ASSESSMENT. Has an ATSDR Health Assessment been conducted?

☐ Yes ☒ No If yes, what was the date of the assessment? _____ mm/dd/yyyy

1.14 **SITE STATUS.** Is the site a Federal Facility or a General site?

- ☒ Federal
- ☐ General

1.15 **HOW INITIALLY IDENTIFIED.** How was the site initially identified to EPA? If this information is not available in the HRS scoring package, check the PA narrative or other parts of the site file. (Check one.)

- ☐ Anonymous
- ☐ CERCLA notification
- ☐ Citizen complaint (including PA petition)
- ☐ Incidental (e.g., identified while discovering/investigating another NPL site)
- ☐ RCRA notification
- ☐ State/local program
- ☒ Other Federal program (specify) NPS
- ☐ Other (specify) _____
- ☐ Unknown

1.16 **SITE WITH UNKNOWN SOURCE(S).** Does the site consist exclusively of contaminated ground water or contaminated surface water sediments with ***no identifiable primary source(s)***? (Check one.)

- ☐ Yes, ground water plume(s)
- ☐ Yes, surface water sediments
- ☒ No

2. General Site Description

2.1 **DEMOGRAPHIC SETTING.** Characterize the area in which the site is located. (Check one.)

- ☐ Large city: within boundaries of a city with a population ≥ 100,000
- ☒ Rural: outside of city and suburban areas
- ☐ Small city/town: within boundaries of a city/town with a population ≥ 10,000 and < 100,000
- ☐ Suburban: within immediate suburbs of a city

2.2 **BORDER SITES.** Is the site within 60 miles of Mexican or Canadian borders?

☐ Yes ☒ No

2.3 **TRIBAL SITES.** Is the site on or near (i.e., within a four-mile radial distance, or for surface water within 15 "in-water" miles) Tribal Lands?

- ☒ Near designated Tribal Lands
  - Name of Tribe(s): Yurok, Hoopa Valley
  - Distance from (in miles): 0.36
- ☐ On designated Tribal Lands
  - Name of Tribe(s): _____
- ☐ Not on or near Tribal Lands

2.4 **OTHER NPL SITES.** Are there other NPL sites within one mile of the site?

☐ Yes ☒ No

If yes, what sites? _____

2.5 **LAND USE.** What is the current land use(s) within one mile of the site? (Check all that apply.)

- ☐ Agricultural
- ☐ Airport
- ☐ Church
- ☐ Commercial
- ☐ DOE (Department of Energy)
- ☐ Desert
- ☒ Forest/fields/wetlands/other undeveloped
- ☐ Highway
- ☐ Hospital
- ☐ Indian lands
- ☐ Industrial
- ☐ Major excavation
- ☐ Military
- ☐ Mining
- ☐ Oil wells
- ☐ POTW (Publicly Owned Treatment Works)
- ☐ Parks/recreation
- ☐ Pipeline
- ☐ Prison

- ☐ Railroad
- ☐ Residential
- ☐ Sawmill
- ☐ School/university/day care
- ☐ Sink holes
- ☐ Water works
- ☐ Other (specify) _____
- ☐ Unknown

If ***readily available information*** indicates that projected future land use(s) within one mile of the site may ***differ*** from the current use(s) checked above (e.g., building a mobile home park adjacent to a former landfill), write them in the blank that follows. Use the response options listed above if possible.

_____

2.6 **AREA.** What is the approximate area of contamination (i.e., total area that includes all sources of contamination and other areas where contamination has come to be located, plus the area between the sources)? If the site property is large with only a small contaminated portion, only the area of the contaminated portion should be estimated. If the approximate area of contamination cannot be estimated, use the area within the property boundary. (Check one.)

- ☒ ≤ 5 acres
- ☐ > 5 and ≤ 20 acres
- ☐ > 20 and ≤ 100 acres
- ☐ > 100 acres
- ☐ Unknown

2.7 **OWNER AND OPERATOR.** Who are the current owner(s) and operator(s) of the site, and who were the owner(s) and operator(s) at the time of principal contamination? If the owner and operator are the same, then check the same box under "Owner(s)" and "Operator(s)." If the current owner and/or operator and the owner and/or operator at time of principal contamination are the same, then check the same box under "CURRENT" and "AT TIME OF CONTAMINATION." For ground water plume and surface water sediment sites with no identified source, the owner and operator at the time of contamination should be "Unknown." (Check all that apply, including at least one in each column; "NA" indicates that a response is not applicable.)

CURRENT			AT TIME OF CONTAMINATION	
Owner(s)	Operator(s)		Owner(s)	Operator(s)
☐	☐	Bankruptcy/receivership	NA	NA
☐	☐	County/city	☐	☐
☒	☒	Federal	☐	☐
☐	NA	Government Owned Contractor Operated (GOCO)	☐	NA
☐	☐	Indian lands	☐	☐
NA	☐	None - currently inactive or abandoned	NA	NA
NA	☐	None - spill or other one-time event	NA	☐
☐	☐	Private - individual	☐	☐
☐	☐	Private - industrial/commercial	☐	☐
☐	☐	Private- small business	☐	☐
☐	☐	State	☐	☐

☐	NA	Other (specify)	_____	NA	NA
NA	☐	Other (specify)	_____	NA	NA
NA	NA	Other (specify)	_____	☐	NA
NA	NA	Other (specify)	_____	NA	☐
NA	NA	Unknown		☐	☐

2.8 **SPILL/OTHER ONE-TIME EVENT.** Is the site the result of a one-time spill (e.g., truck, rail car, or barge accident) or other one-time event (e.g., one-time illegal dumping), with no other ongoing waste management or waste generation activities on-site? (Check one.)

- ☐ Yes, specify year of spill/other one-time event _____
- ☒ No

2.9 **YEARS OF OPERATION.** What are the beginning and ending years of operation at the site? "Operation" includes any activity occurring at the site (other than site remediation and related site investigation activity), and does ***not*** necessarily have to involve waste generation and/or management. Aggregated sites that have a combination of active and inactive/abandoned operations, and active sites that have had periods of inoperation during their existence, should be considered currently operating. For these sites, indicate the beginning year of their earliest operation. If sites such as these are no longer operating, indicate the beginning year of their earliest operation and the ending year of their latest operation. For ground water plume and surface water sediment sites with no identified source, the years of operation should be "Unknown." (Check one.)

- ☒ Currently operating: from (beginning year) 1978 to present
- ☐ Inactive or abandoned: from (beginning year) _____ to (ending year) _____
- ☐ Unknown (only if ***no*** historical information is available)

2.10 **YEARS OF WASTE MANAGEMENT ACTIVITIES.** What are the beginning and ending years of waste management at the site? Applicable waste management activities include generation, treatment, and/or recycling of waste containing hazardous substances and/or receipt of such wastes from off-site sources. Aggregated sites that have a combination of active and inactive/abandoned waste management activities, and sites that are actively managing waste that have had periods without waste management activities during their existence, should be considered currently managing waste. For these sites, indicate the beginning year of their earliest waste management activity. If sites such as these are no longer managing waste, indicate the beginning year of their earliest activity and the ending year of their latest activity. All responses should be consistent with responses given for question 2.9. For ground water plume and surface water sediment sites with no identified source, the response should be "Unknown." (Check one.) No waste management

- ☐ Currently managing waste: from (beginning year) _____
- ☐ No longer managing waste: from (beginning year) _____ to (ending year) _____
- ☐ Unknown (only if ***no*** historical information is available)

3. Site Type

3.1 **PRIMARY SITE ACTIVITY TYPE.** Which of the following best describes the primary activity at the site? The primary site activity type is defined as the main operation that is taking place, or has taken place, at the site and was a major contributor of the hazardous substance releases that caused the site to be considered for the NPL. The primary site activity types are defined in Appendix B. There are five major categories for primary site activity type and each of these categories has many sub-categories. Please select only one category (e.g., Mining) and only one sub-category within the category (e.g., Metals). For ground water plume sites with no identified source, the response should be "Other, Ground water plume." For surface water sediment sites with no identified source, the response should be "Other, Surface water sediment site." If the site has a secondary site activity type, please list it in the space provided below. (Select one type.)

- ☐ Manufacturing/processing/maintenance
  - ☐ Chemicals and allied products
  - ☐ Coal gasification
  - ☐ Coke production
  - ☐ Electronic/electrical equipment
  - ☐ Electric power generation and distribution
  - ☐ Fabrics/textiles
  - ☐ Lumber and wood products/pulp and paper
  - ☐ Lumber and wood products/wood preserving/treatment
  - ☐ Metal fabrication/finishing/coating and allied industries
  - ☐ Oil and gas refining
  - ☐ Ordnance production
  - ☐ Plastics and rubber products
  - ☐ Primary metals/mineral processing
  - ☐ Radioactive products
  - ☐ Tanneries
  - ☐ Trucks/ships/trains/aircraft and related components
  - ☐ Other (specify) _____
- ☐ Mining
  - ☐ Coal
  - ☐ Metals
  - ☐ Non-metal minerals
  - ☐ Oil and gas
  - ☐ Other (specify) _____
- ☐ Recycling
  - ☐ Automobiles/tires
  - ☐ Batteries/scrap metal/secondary lead smelting/precious metal recovery
  - ☐ Chemicals/chemical wastes (e.g., solvent recovery)
  - ☐ Drums/tanks
  - ☐ Waste/used oil
  - ☐ Other (specify) _____
- ☐ Waste management
  - ☐ Co-disposal landfill (municipal and industrial)
  - ☐ Illegal disposal/open dump

- ☐ Industrial waste facility (non-generator)
- ☐ Industrial waste landfill
- ☐ Mine tailings disposal
- ☐ Municipal solid waste landfill
- ☐ Radioactive waste treatment, storage, disposal (non-generator)
- ☐ Other (specify) _____

☒ Other

- ☐ Agricultural (e.g., grain elevator)
- ☐ Contaminated sediment site (with no identified source, must also answer yes to question 1.16)
- ☐ Ground water plume (with no identified source, must also answer yes to question 1.16)
- ☐ Military
- ☐ Product storage/distribution facility
- ☐ Research, development, and testing facility
- ☐ Retail/commercial
- ☐ Spill or other one-time event
- ☐ Spraying or spreading substances for dust control
- ☐ Transportation (e.g., railroad yard, airport, barge docking site)
- ☐ Treatment works/septic tanks/other sewage treatment
- ☒ Other (specify) Firing Range

If the site has one or more *secondary* site activity type(s), please indicate the activity type in the space below. Use the responses above with the addition of "Residential" as a selection.

3.2 **SITE ACTIVITIES.** Which of the following best describes current activities/operations/conditions at the site (i.e., on-site activities)? Also, identify all former activities that are at least partly responsible for the principal contamination at the site. Check ALL responses that apply, including at least one in each column; if a main category is checked, at least one sub-category also must be checked (e.g., if "Federal facility" is checked, a sub-category such as "DOE" also must be checked). For ground water plume sites with no identified source, the response should be "Ground water plume." For surface water sediment sites with no identified source, the response should be "Surface water sediment site."

Current	Former	
☐	☐	Agricultural
☐	☐	Federal facility (must also indicate Federal in question 2.7)
☐	☐	DOD
☐	☐	Ordnance production/storage
☐	☐	Testing and maintenance
☐	☐	DOE
☒	☒	DOI (e.g., Bureau of Land Management)
☐	☐	USDA (e.g., Forest Service)
☐	☒	Other (specify) site was already a firing range when acquired
☐	☐	Ground water plume (with no identified source, must also answer yes to question 1.16)
☐	☐	Laundries/dry cleaners

☐	☐	Manufacturing/processing
☐	☐	Chemicals and allied products
☐	☐	Chemicals
☐	☐	Pesticides/herbicides
☐	☐	Other (specify) _____
☐	☐	Electric power generation and distribution
☐	☐	Electronic/electrical equipment
☐	☐	Electroplating
☐	☐	Lumber and wood products
☐	☐	Pulp and paper
☐	☐	Wood preserving/treatment
☐	☐	Other (specify) _____
☐	☐	Metal fabrication/finishing/coating and allied industries
☐	☐	Ore processing
☐	☐	Petroleum refining
☐	☐	Plastic and rubber products
☐	☐	Primary metals/mineral processing
☐	☐	Other (specify) _____
☐	☐	Mining
☐	☐	Coal
☐	☐	Metals
☐	☐	Non-metal minerals
☐	☐	Oil and gas
☐	☐	Subsurface
☐	☐	Surface
☐	☐	Other (specify) _____
☐	N/A	None/currently inactive or abandoned
☐	☐	Product storage/distribution as ***principal*** activity
☐	☐	Residential
☐	☐	Retail/commercial
☐	☐	Road oiling
N/A	☐	Spill or other one-time event, with no other activities (must also indicate spill in question 2.8)
☐	☐	Surface water sediment site (with no identified source, must also answer yes to question 1.16)
☐	☐	Transportation (e.g., railroad yard, airport, barge docking site)
☐	☐	Waste management
☐	☐	Illegal/open dump
☐	☐	Municipal solid waste landfill
☐	☐	Other industrial waste facility, including landfill (non-generator)
☐	☐	Publicly owned treatment works/septic tanks/other sewage treatment
☐	☐	RCRA Subtitle C TSDF (non-generator)
☐	☐	Radioactive waste treatment, storage, disposal (non-generator)
☐	☐	Recycling
☐	☐	Automobiles/scrap metal/tires

☐	☐	Batteries
☐	☐	Chemicals/chemical wastes (e.g., solvent recovery)
☐	☐	Drums
☐	☐	Used/waste oil
☐	☐	Other (specify) _____
☐	☐	Other (specify) _____
☐	☐	Other (specify) _____
☐	☐	Unknown

3.3 **WASTE TREATMENT, STORAGE, AND DISPOSAL ACTIVITIES.** What treatment, storage, and/or disposal activities occur/occurred at the site? For ground water plume and surface water sediment sites with no identified source, the response should be "Unknown." (Check all that apply.)

- ☐ Discharge to sewer/surface water (intentional permitted or illegal discharge; ***not*** secondary runoff)
- ☐ Drain/leach field
- ☐ Drum/container storage (intentional storage in specified areas)
- ☐ Explosives disposal/detonation
- ☐ Illegal dumping (unpermitted dumping by site owner/operator in undesignated disposal area)
- ☐ Incineration/other combustion activity (including burn pits)
- ☐ Industrial landfill
- ☐ Land application/treatment
- ☐ Leaking containers
- ☐ Municipal landfill (must also indicate municipal solid waste landfill in question 3.2)
- ☐ None/spill or other one-time event (must also indicate spill in question 2.8)
- ☐ Outfall, surface water
- ☐ Recycling (must also indicate recycling in question 3.2)
- ☐ Sand/gravel pit
- ☐ Sinkhole
- ☐ Surface impoundment (primarily liquid)
- ☐ Tank - above ground
- ☐ Tank - below ground
- ☐ Thermal treatment
- ☐ Unauthorized dumping by a party other than the site owner/operator
- ☐ Underground injection well
- ☐ Waste pile (primarily solid, covered or uncovered)
- ☒ Other (specify) None
- ☐ Unknown

3.4 **SOURCE TYPES.** What HRS source types exist/existed at the site? For ground water plume sites with no identified source, the response should be "Ground water plume." For surface water sediment sites with no identified source, the response should be "Surface water sediment site." (Check all that apply.)

- ☐ Active fire area
- ☐ Burn pit
- ☐ Container or tank
- ☐ Contaminated soil (excluding land treatment)

- ☐ Drum
- ☐ Ground water plume (with no identified source, must also answer yes to question 1.16)
- ☐ Landfarm/land treatment
- ☐ Landfill
- ☐ Piles
  - ☐ Chemical waste pile
  - ☐ Scrap metal or junk pile
  - ☐ Tailings pile
  - ☐ Trash pile
  - ☐ Other (specify) _____
- ☐ Surface impoundment
- ☐ Surface impoundment (buried/backfilled)
- ☐ Surface water sediment site (with no identified source, must also answer yes to question 1.16)
- ☐ Tank - above ground
- ☐ Tank - below ground
- ☐ Unallocated source
- ☒ Other (specify) Firing Range

4. Waste Description

4.1 **ON-SITE/OFF-SITE GENERATION.** Is an on-site or off-site generator responsible for the waste disposed or deposited on-site that resulted in the principal contamination? For consistency, recycling facilities should be considered on-site generators. (Check one.)

- ☒ On-site generator(s) only
- ☐ Off-site generator(s) only
- ☐ Both on-site and off-site generators

4.2 **ENTITY THAT GENERATED THE WASTE.** What is the source(s) of the waste disposed or deposited on-site that resulted in the principal contamination (***not*** necessarily the entity that generated the original product)? Note that this question is different from question 3.2 regarding site activities, although the response options are similar. This question targets those entities that generated the waste present on-site, not the site activities themselves, regardless of whether those entities are located on- or off-site. However, if the waste is/was generated entirely on-site, then the response(s) to this question should match the response(s) to question 3.2. For ground water plume sites with no identified source, the response should be "Ground water plume." For surface water sediment sites with no identified source, the response should be "Surface water sediment site." (Check all that apply.)

- ☐ Agricultural
- ☐ Construction/demolition
- ☒ Federal facility
  - ☐ DOD
    - ☐ Ordnance production/storage
    - ☐ Testing and maintenance
  - ☐ DOE
  - ☒ DOI NPS
  - ☐ USDA
  - ☐ Other (specify) _____
- ☐ Ground water plume (with no identified source, must also answer yes to question 1.16)
- ☐ Laboratory/hospital
- ☐ Laundries/dry cleaners
- ☐ Manufacturing
  - ☐ Chemicals and allied products
    - ☐ Chemicals
    - ☐ Pesticides/herbicides
    - ☐ Other (specify) _____
  - ☐ Electric power generation and distribution
  - ☐ Electronic/electrical equipment
  - ☐ Electroplating
  - ☐ Lumber and wood products
    - ☐ Pulp and paper
    - ☐ Wood preserving/treatment
    - ☐ Other (specify) _____
  - ☐ Metal fabrication/finishing/coating and allied products
  - ☐ Ore processing
  - ☐ Petroleum refining
  - ☐ Plastic and rubber products

- ☐ Primary metals/mineral processing
- ☐ Other (specify) _____
- ☐ Mining
  - ☐ Coal
  - ☐ Metals
  - ☐ Non-metal minerals
  - ☐ Oil and Gas
  - ☐ Subsurface
  - ☐ Surface
  - ☐ Other (specify) _____
- ☐ Product storage/distribution facility
- ☐ Recycling
  - ☐ Automobile junkyard/scrap metal/tires
  - ☐ Batteries
  - ☐ Chemicals/chemical wastes (e.g., solvent recovery)
  - ☐ Drums
  - ☐ Used/waste oil
  - ☐ Other (specify) _____
- ☐ Residential
- ☐ Retail/commercial
- ☐ Road oiling
- ☐ Site remediation (e.g., wastes from site cleanups)
- ☐ Surface water sediment site (with no identified source, must also answer yes to question 1.16)
- ☐ Transportation (e.g., railroad yard, airport, barge docking site)
- ☐ Waste management (e.g., leachate or ash from waste treatment processes)
- ☒ Other (specify) Was already a firing range when NPS acquired.
- ☐ Unknown

4.3 **PHYSICAL STATE OF WASTE.** What is the physical state(s) of the hazardous substance-containing waste(s) deposited or detected on-site? (Check all that apply.)

- ☐ Gas
- ☐ Liquid
- ☐ Sludge
- ☒ Solid
- ☐ Unknown

4.4 **GENERAL WASTE TYPES.** What are the waste types deposited or detected on-site? Indicate all the waste types present on-site under "Overall." If three or fewer waste types are known to comprise the majority (i.e., over 50%) of the waste volume on-site, indicate their types under "Predominant." Otherwise, leave the "Predominant" column blank. (Check all that apply.)

Overall	Predominant	
☐	☐	Chlorinated solvents
☐	☐	Contaminated soil/sediment
☐	☐	Explosives
☐	☐	Fly and bottom ash

☐	☐	Fuels/propellants
☐	☐	Medical/biological wastes
☒	☒	Metals
☐	☐	Mining wastes
☐	☐	Non-metal inorganic chemicals
☐	☐	Oily wastes
☐	☐	Organic chemicals
☐	☐	POTW sludge
☐	☐	Paints/pigments
☐	☐	Pesticides/herbicides
☐	☐	Radioactive wastes
☐	☐	Still and tank bottoms
☐	☐	Strong acids/bases
☐	☐	Other (specify) _____

4.5 **SPECIFIC WASTE CONSTITUENTS.** Which of the following waste constituents have been deposited or detected on-site? (Check all that apply, and make sure the response is consistent with the response to question 4.4.)

- ☐ Asbestos
- ☐ Creosote
- ☐ Cyanides
- ☐ Dioxins (e.g., TCDD)
- ☒ Lead
- ☐ Mercury
- ☐ Pentachlorophenol (PCP)
- ☐ Polychlorinated biphenyls (PCBs)
- ☐ Polycyclic aromatic hydrocarbons (PAHs)
- ☐ None of the above
- ☐ Other (specify) _____

4.6 **WASTE ACCESSIBILITY.** Is the waste on-site currently accessible to the public (e.g., is site access unrestricted so people can potentially come into direct contact with contaminated materials)? Items to be considered when judging accessability include, for example, presence or absence of a complete cover over the waste area and a secure fence around the site. A site with natural access restrictions (e.g., steep terrain) also can be considered inaccessible. Do not count on-site workers as part of the public when answering this question. (Check one.)

- ☒ No
- ☐ Yes
- ☐ Unknown

5. Demographics

For this section, do not directly use the population factor values calculated in the HRS and entered in HRS scoresheets. Use actual (i.e., unweighted, unadjusted) population figures, which should be available in the HRS supporting documentation.

5.1 **NUMBER OF WORKERS ON-SITE.** What is the current number of workers present on-site (not including workers involved in response activities)? For ground water plume and surface water sediment sites with no identified source, the response should be "Unknown." (Check one.)

- ☐ 0
- ☒ > 0 and ≤ 10 only about twice a year
- ☐ > 10 and ≤ 100
- ☐ > 100 and ≤ 1,000
- ☐ > 1,000
- ☐ Unknown

5.2 **DISTANCE TO POPULATION.** What is the shortest distance from any source or area of contamination at the site to the nearest residential individual (include all persons occupying homes, apartments, businesses, or schools)? If contamination has migrated to the property of a nearby resident(s), then check the box next to "0 miles." If the source or contaminated area is not clearly identified, use distance from the site property boundary. (Check one.)

- ☐ 0 miles (i.e., on-site)
- ☐ > 0 and ≤ $^1/_4$ mile
- ☐ > $^1/_4$ and ≤ $^1/_2$ mile
- ☒ > $^1/_2$ and ≤ 1 mile
- ☐ > 1 and ≤ 4 miles
- ☐ > 4 miles

5.3 **POPULATION.** What is the total residential population within one mile and four miles of the site (include all persons occupying homes, apartments, businesses, or schools)? (Check one in each column.)

Within 1 mile	Within 4 miles	
☐	☐	0
☐	☐	> 0 and ≤ 10
☒	☐	> 10 and ≤ 100
☐	☒	> 100 and ≤ 1,000
☐	☐	> 1,000 and ≤ 10,000
☐	☐	> 10,000 and ≤ 100,000
☐	☐	> 100,000
☐	☐	Unknown

6. Water Use

For the purposes of this section, "local" refers to ground water withdrawals within four miles and surface water withdrawals within 15 "in-water" miles (e.g., downstream miles for streams and rivers) of the site (i.e., within HRS target distance limits).

6.1 **TOTAL DRINKING WATER POPULATION SERVED.** What is the total population served by local ground and surface water sources of drinking water? Use actual population numbers and not adjusted values taken directly from HRS scoresheets. For blended systems, use total population served instead of prorated values. Note that the total population served does not have to reside within the HRS target distance limits, only the drinking water supply withdrawal point(s) needs to be within the limits. (Check one in each column.)

Ground	Surface	
☐	☐	≤ 10
☐	☐	> 10 and ≤ 100
☐	☒	> 100 and ≤ 1,000
☐	☐	> 1,000 and ≤ 10,000
☐	☐	> 10,000 and ≤ 100,000
☐	☐	> 100,000
☒	☐	Not applicable (no drinking water withdrawals within HRS target distance limits)
☐	☐	Unknown

6.2 **TYPE OF DRINKING WATER SUPPLY SYSTEM.** What type(s) of local drinking water supply system(s) is present? "Public" should be checked for any central water supply system, even if operated by a private entity. (Check all that apply.)

Ground	Surface	
☐	☐	Private (e.g., individual wells)
☐	☐	Public (serves over 25 people; e.g., municipal systems)
☒	☐	Not applicable (no drinking water withdrawals within HRS target distance limits)
☐	☒	Unknown

6.3 **OTHER GROUND WATER USES.** What are the other uses of ground water withdrawn within four miles of the site? (Check all that apply.)

- ☐ Commercial uses (e.g., food preparation, aquiculture)
- ☐ Industrial process/cooling
- ☐ Irrigation
- ☐ Recreation (e.g., water supply for municipal swimming pool, infiltration into lakes used for recreation)
- ☐ Stock watering
- ☐ Other (specify) _____
- ☒ None
- ☐ Unknown

6.4 **DEPTH TO AQUIFER.** What is the approximate depth from the ground surface to the uppermost usable aquifer (i.e., an aquifer having sufficient yield and water quality to be usable as drinking water or for other beneficial uses) beneath the site? (Check one.)

- [x] ≤ 10 feet
- [ ] > 10 and ≤ 25 feet
- [ ] > 25 and ≤ 50 feet
- [ ] > 50 and ≤ 100 feet
- [ ] > 100 feet
- [ ] Unknown

6.5 **OTHER SURFACE WATER USES.** What are the other uses of surface water withdrawn within 15 "in-water" miles of the site? (Check all that apply.)

- [x] Commercial fishery, including aquiculture
- [ ] Industrial process/cooling
- [ ] Irrigation
- [ ] Not currently used, but designated by the state for potential drinking water use
- [ ] Other commercial uses
- [ ] Other recreation
- [x] Recreational fishing
- [ ] Stock watering
- [ ] Other (specify) _____
- [ ] None
- [x] Unknown

6.6 **TYPE OF SURFACE WATER ADJACENT TO/DRAINING SITE.** What are the type(s) of surface water adjacent to/draining the site that could potentially be affected by overland runoff from the site (i.e., are within two miles of any source)? Indicate whether the water body is known or suspected of being contaminated by the site. "Yes" would indicate that the surface water body meets the HRS criteria for observed release. "Suspected" would indicate that there is some evidence of contamination that is attributable to the site, but the surface water body does not meet the HRS criteria for observed release. (Check all that apply.)

		Contaminated?							
☐	Bay	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☐	Canal	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☐	Drainage ditch	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☒	Intermittent stream	☐	Yes	☐	Suspected	☐	No	☒	Unknown
☐	Lake/reservoir	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☒	Ocean	☐	Yes	☐	Suspected	☐	No	☒	Unknown
☐	Perennial stream	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☐	Pond	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☒	River (> 1,000 cfs annual average flow)	☐	Yes	☐	Suspected	☐	No	☒	Unknown
☐	Wetland	☐	Yes	☐	Suspected	☐	No	☐	Unknown
☐	Other (specify) _____	☐	Yes	☐	Suspected	☐	No	☐	Unknown

- [ ] No surface water within two miles
- [ ] Unknown

7. Sensitive Environment and Reported Environmental Damage Information

7.1 **EXISTENCE OF SENSITIVE OR POTENTIALLY VULNERABLE ENVIRONMENT.** Is the site in or near (i.e., within a four-mile radial distance, or for surface water within 15 "in-water" miles) an HRS-designated sensitive environment(s) or other potentially vulnerable environment(s)? (Check all that apply.)

- ☐ Yes, HRS-designated sensitive environment(s)
  - ☒ Critical habitat for Federal designated endangered or threatened species
    - ☐ Areas identified under the Coastal Zone Management Act
    - ☐ Critical areas identified under the Clean Lakes Program
    - ☐ Designated Federal wilderness area
    - ☐ Marine sanctuary
    - ☐ National lakeshore recreational area
    - ☐ National monument
    - ☒ National park
    - ☐ National seashore recreational area
    - ☐ Sensitive areas identified under National Estuary Program or Near Coastal Water Program
  - ☐ Habitat known to be used by Federal designated or proposed endangered or threatened species
    - ☐ Administratively proposed Federal wilderness area
    - ☐ Coastal barrier (undeveloped)
    - ☐ Federal land designated for protection of natural ecosystems
    - ☐ Migratory pathways and feeding areas critical for maintenance of anadromous fish species within river reaches or areas in lakes or coastal tidal waters in which the fish spend extended periods of time
    - ☐ National or State wildlife refuge
    - ☐ National preserve
    - ☐ National river reach designated as recreational
    - ☐ Spawning areas critical for the maintenance of fish/shellfish species within river, lake, or coastal tidal waters
    - ☐ Terrestrial areas utilized for breeding by large or dense aggregations of animals
    - ☐ Unit of coastal barrier resources system
  - ☐ Habitat known to be used by State designated endangered or threatened species
    - ☐ Coastal barrier (partially developed)
    - ☐ Federal designated scenic or wild river
    - ☐ Habitat known to be used by species under review as to its Federal endangered or threatened status
  - ☐ State designated areas for protection or maintenance of aquatic life
  - ☐ State land designated for wildlife or game management
    - ☐ Particular areas, relatively small in size, important to maintenance of unique biotic communities
    - ☐ State designated natural areas
    - ☐ State designated scenic or wild river
  - ☐ Wetland
  - ☐ Other (specify) _____

- ☐ Yes, other potentially vulnerable environment(s) (see Appendix C for definitions)
  - ☐ 100-year floodplain
  - ☐ Karst terrain
  - ☒ Seismic impact area
  - ☐ Unstable terrain
  - ☐ Vulnerable ground water (class I, as defined by EPA)
  - ☐ Wellhead protection area
  - ☐ Other (specify) _____
- ☐ No
- ☐ Unknown

7.2 **HUMAN HEALTH/BIOLOGICAL IMPACTS.** Have actual human health or biological impacts attributable to the site been shown to exist, been reported, or been observed? (Check all that apply.)

- ☐ Yes
  - ☐ Fauna (e.g., fish kills, wildlife impacts)
  - ☐ Flora (e.g., stressed vegetation)
  - ☐ Human health
    - ☐ Air pathway
    - ☐ Ground water pathway
    - ☐ Soil exposure
      - ☐ Resident population threat
      - ☐ Nearby population threat
    - ☐ Surface water pathway
      - ☐ Drinking water threat
      - ☐ Human food chain threat
      - ☐ Environmental threat
- ☒ No
- ☐ Unknown

8. Response Actions

8.1 **TYPE OF RESPONSE ACTION.** What type(s) of response actions has already occurred at or near the site? (Check all that apply.)

- ☐ Action has been taken to reduce an immediate threat of fire or explosion
- ☐ Alternate water supply(ies) has been provided (on or off site)
- ☐ Drinking water well(s) has been closed (on or off site)
- ☐ Residents have been relocated
- ☐ Site access has been restricted in response to the contamination
- ☐ Waste has been physically removed from the site
- ☐ Waste has been treated/stabilized/contained on-site
- ☐ Other (specify) _____
- ☐ Unknown
- ☒ None

8.2 **AUTHORITY RESPONSIBLE FOR RESPONSE ACTION.** Who performed (or contracted for) the response action(s)? (Check all that apply.)

- ☐ EPA under authority of CERCLA
- ☐ EPA under other authority (specify) _____
- ☐ Private party (specify) _____
- ☐ State/local authority (specify) _____
- ☒ Other Federal agency (specify) NPS
- ☐ Other (specify) _____
- ☐ Not applicable (check only if checked "None" in question 8.1)

STOP HERE. Section 9 will be completed by a Headquarters QA reviewer.

REVIEW OF COMPLETED FORM. When you have completed Sections 1 through 8 of the NPL Characteristics Data Collection Form, please check to ***make sure*** that:

(1) All questions are answered; and

(2) All questions have been answered such that the responses are internally consistent, especially those in Sections 2 and 3. For example, if the site is the result of a spill or other one-time event, the responses for questions 2.7, 2.8, 3.1, 3.2, and 3.3 should be consistent, while if the site is inactive or abandoned, the responses for questions 2.7, 2.9, 2.10, and 3.2 should be consistent.

9. Questions to be Completed by Headquarters QA Reviewer

9.1 **NAME OF QA REVIEWER:** _____
AFFILIATION (agency/company): _____
PHONE NUMBER: _____

9.2 **DATE QA COMPLETED FOR THIS FORM** (mm/dd/yyyy): _____

9.3 **NPL PROPOSED RULE NUMBER** (i.e., NPL "Update" number): _____

9.4 **COMMENTS:** _____

Appendix A
Site Boundary Polygon Data

1. **Site Boundary Coordinates.** Use this space to provide site boundary polygon coordinates (if known). Coordinates of the entire site should be provided in the form of polygons, starting with the northern-most coordinate and moving clockwise (in degrees, minutes, seconds, and tenths of seconds). If you need additional space to record site boundary coordinates, please copy this page and provide the data on those additional pages. If submitting electronic coordinates, follow requirements in the Partial Deletion Guidance.

1.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
2.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
3.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
4.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
5.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
6.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
7.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
8.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
9.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
10.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
11.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
12.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
13.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
14.	°	'	.	"	North Latitude	°	'	.	"	West Longitude
15.	°	'	.	"	North Latitude	°	'	.	"	West Longitude

If tenths of seconds are unknown, use "0" as a default value. If necessary, refer to Appendix E of EPA's 1991 PA guidance document for directions on how to determine coordinates.

2. **Description of Site Reference Area for Coordinates:** _____

Appendix A
Site Boundary Polygon Data (cont.)

3. **Method of Collection.** Describe the method used in collecting the data.
   - ☐ Address matching
     - ☐ Block face
     - ☐ Digitized
     - ☐ House number
     - ☐ Nearest intersection
     - ☐ Primary name
     - ☐ Street centerline
     - ☐ Other (specify) _____
   - ☐ Census
     - ☐ Block - 1990
     - ☐ Block/group - 1990
     - ☐ Block tract - 1990
     - ☐ Other (specify) _____
   - ☐ Classical surveying techniques
   - ☐ GPS
     - ☐ Carrier phase kinematic relative positioning technique
     - ☐ Carrier phase static relative positioning technique
     - ☐ Code measurements (pseudo range) differential (DGPS)
     - ☐ Code measurements (pseudo range) precise positioning service
     - ☐ Code measurements (pseudo range) standard positioning service SA off
     - ☐ Code measurements (pseudo range) standard positioning service SA on
   - ☐ Interpolation
     - ☐ Map
     - ☐ Photo
     - ☐ Satellite
     - ☐ Other (specify) _____
   - ☐ Loran C
   - ☐ Public land survey
     - ☐ Quartering
     - ☐ Footing
   - ☐ Zip code
   - ☐ Other (specify) _____
   - ☐ Unknown

4. **Accuracy Value and Unit.** Describe the accuracy value as a range (+/-) of the coordinates in meters.
   Accuracy: +/- _____ Meters

Appendix A
Site Boundary Polygon Data (cont.)

5. **Vertical Measure.** Provide the vertical component of measured coordinates. If no vertical component, leave blank.

_____

6. **Horizontal Datum.** Describe the reference datum of the coordinates.
   - ☐ NAD27
   - ☐ NAD83
   - ☐ Other (specify) _____
   - ☐ Unknown

7. **Source Scale.** Describe the scale of the source used to determine the coordinates.
   - ☐ 1:10,000
   - ☐ 1:12,000
   - ☐ 1:15,840
   - ☐ 1:20,000
   - ☐ 1:24,000
   - ☐ 1:25,000
   - ☐ 1:50,000
   - ☐ 1:62,500
   - ☐ 1:63,360
   - ☐ 1:100,000
   - ☐ 1:125,000
   - ☐ 1:250,000
   - ☐ 1:500,000
   - ☐ Other (specify) _____
   - ☐ Unknown

Appendix B
Definitions of Primary Site Activity Types
(To be Used in Responding to Question 3.1)

Manufacturing/processing/maintenance: Activities resulting from the production of products from raw materials, the processing of materials, or the maintenance of a product.

Chemicals and allied products: Activities involving manufacturing, creating, or packaging of chemicals such as chloride, pharmaceutical chemicals, organic compounds, acids, pesticides, fertilizers, herbicides, insecticides, adhesives, glues, paints, or dyes, with the exclusion of primary metals. This includes chemicals that are manufactured to be used later for other purposes, such as creosote and coal tar.

Coal gasification: Activities related to the process of making natural gas from coal. Coal mining operations are not included in this subcategory.

Coke production: Activities involving the production of coke from coal.

Electronic/electrical equipment: Activities involving manufacturing or maintenance of electronic devices and electronic equipment such as computer components.

Electric power generation and distribution: Activities involving generation, distribution, or maintenance of electric power, including electric power plants, transmitter stations, or transformer stations.

Fabric/textiles: Activities associated with the processing and treating of fabrics or textiles.

Lumber and wood products/pulp and paper: Activities involving production of lumber, wood products, pulp, or paper. This does not include wood treating or preserving.

Lumber and wood products/wood preserving/treatment: Activities involving preserving and treating wood products. Common contaminants found at wood preserving sites include creosote, copper-chromate-arsenic (CCA), or pentachlorophenol (PCP).

Metal fabrication/finishing/coating and allied industries: Activities involving fabrication, finishing, coating, or plating of metals.

Oil and gas refining: Activities involving petroleum, oil, and gas refining and reformation.

Ordnance production: Activities related to manufacturing or maintenance of ammunition, artillery, explosives, or torpedoes.

Plastics and rubber products: Activities involving manufacturing of rubber products such as tires or plastics for a variety of uses.

Primary metals/mineral processing: Activities involving manufacturing and processing of raw materials exclusively through smelting of metals or processing of ores. This does not include mining operations but includes all mineral processing operations subsequent to mining. Recycling batteries and scrap metals, secondary smelting, and precious metal recovery are not included in this subcategory.

Radioactive products: Activities involving manufacturing, processing, refining, or milling of radioactive products such as radium, uranium, and vanadium.

Tanneries: Activities associated with the processing and treating of leather products.

Trucks/ships/trains/aircraft and related components: Activities related to manufacturing or maintenance of vehicles including trucks, ships, aircraft, and related components such as engines or drive train components.

Other: Activities that involve manufacturing, processing, or maintenance, but do not clearly fit into any of the above sub-categories.

Unknown: Activities that involve manufacturing, processing, or maintenance, but the specific activities are unknown.

Appendix B
Definitions of Primary Site Activity Types (cont.)

Mining: Operations involving surface and subsurface excavation for the purpose of extracting mineral substances. Do not use this category to describe former mining sites that have been used to deposit or store waste.

Coal: Operations involving coal excavation.

Metals: Operations involving mining of metals such as gold, silver, iron, or copper.

Non-metal minerals: Operations involving mining of non-metals such as sulfur or phosphorous.

Oil and gas: Operations involving extracting oil and natural gas from the ground.

Other: Activities that involve mining, but do not clearly fit into any of the above sub-categories, such as sand and gravel excavation.

Unknown: Activities that involve mining, but the specific activities are unknown.

Recycling: Activities involving the reprocessing of some product to regain material.

Automobiles/tires: Activities involving recovering products from automobiles such as tires and metals.

Batteries/scrap metals/secondary lead smelting/precious metal recovery: Activities related to reprocessing of batteries or scrap metals to gain another product. This subcategory includes precious metal recovery and secondary lead smelting.

Chemicals/chemical waste (e.g., solvent recovery): Activities which involve the recovery of chemicals such as solvents.

Drums/tanks: Activities involving processing of used drums or tanks.

Waste/used oil: Activities related to reprocessing waste oil to gain another product.

Other: Activities that involve recycling, but do not clearly fit into any of the above sub-categories.

Unknown: Activities that involve recycling, but the specific activities are unknown.

Waste management: Activities related to the treatment, storage, or disposal of waste.

Co-disposal landfill (municipal and industrial): A landfill which meets the definition of both an industrial and municipal landfill.

Illegal disposal/open dump: A disposal area where hazardous waste was dumped without authorization of the site owner or an open dump area.

Industrial waste landfill: An area used solely as a landfill where hazardous waste from a commercial or industrial source is disposed, regardless of whether the landfill is permitted by some government entity.

Industrial waste facility (non-generator): A facility which disposes, treats, or stores industrial waste. Examples of waste management operations that fit under this sub-category would be facilities that contain surface impoundments, incinerators, injection wells, open burn areas, or containers/drums/tanks.

Mine tailings disposal: An area where mine tailings, subsequent to mining, are disposed.

Municipal solid waste landfill: An area used solely as a landfill where domestic, demolition, construction, or sanitary waste is disposed, regardless of whether the landfill is permitted by some government entity.

Radioactive waste treatment, storage, disposal (non-generator): A facility which disposes, treats, or stores radioactive waste, but does not generate waste.

Other: Activities that involve waste management, but do not clearly fit into any of the above sub-categories.

Unknown: Activities that involve waste management, but the specific activities are unknown.

Appendix B
Definitions of Primary Site Activity Types (cont.)

Other: This category should only be used when a site activity does not fit into any of the other main categories.

Agricultural (e.g., grain elevator): A site at which agricultural activities such as farming or pesticide application occurred.

Contaminated sediment site: Contaminated surface water sediments with no identified source. For sites where the source of contamination is known, select the appropriate category/sub-category.

Ground water plume site: Contaminated ground water plume with no identified source. For plume sites where the source of contamination is known, select the appropriate category/sub-category.

Military: Activities at a military installation which could not specifically be assigned to any other category/subcategory (e.g., military base used for training, recruiting, or as a command center).

Product storage/distribution: Activities involving storage and/or distribution of items such as goods, products, or substances.

Research, development, and testing facility: A site that is used solely for research, development, and/or testing with no other site activities occurring.

Residential: A site used for residential purposes (including hotels). This sub-category can be used for Secondary Site Activity Type only.

Retail/commercial: A site which can be classified as being used for retail or commercial purposes such as a shopping center or dry cleaners.

Spill or other one-time event: A site that is the result of a one-time spill (e.g., truck, rail car, or barge accident) or other one-time event (e.g., one-time illegal dumping), with no other ongoing waste management or waste generation activities on-site.

Spraying or spreading substances for dust control: Activities involving spraying or spreading substances on the ground for purposes of dust control.

Transportation (e.g., railroad yards, airport, barge docking site): Activities related to airports, railroad yards, barge docking sites, transfer stations, or cleaning or fueling facilities. This sub-category does not include manufacturing or maintenance activities.

Treatment works/septic tanks/other sewage treatment: Activities related to wastewater and sewage treatment operations, including publicly owned treatment works.

Other: Activities which do not fit into any of the above sub-categories.

Unknown: Site activities are unknown based on available site documentation.

Appendix C
Definitions of Potentially Vulnerable Environments
(To be Used in Responding to Question 7.1)

100-year Floodplain: Any area that is subject to a one percent or greater chance of flooding in any given year from any source. For riverine systems, both the floodway and the floodway fringe are included in the 100-year floodplain.

Karst Terrain: Area where karst topography, with its characteristic surface and subterranean features, is developed as a result of dissolution of limestone, dolomite or other soluble rock. Characteristic physiographic features present in karst terrain include, but are not limited to, sinkholes, sinking streams, caves, large springs, and blind alleys.

Seismic Impact Area: Area where the probability is greater than or equal to 10 percent that the maximum horizontal acceleration in firm ground or rock at a particular site will equal or exceed 0.10 g (expressed as a percentage of the earth's gravitational pull (g)), within a time period of 250 years. Horizontal ground acceleration is defined as maximum change in velocity over time relative to horizontal movement of the earth's surface as measured at a particular point during an earthquake. This parameter is used to calculate the acceleration values for any particular area and is derived from equations relating to the area's geology and its past seismicity.

Unstable Terrain: Area capable of impairing the integrity of an engineered structure as a result of natural events or human activities. Relevant natural events include, but are not limited to, localized ground subsidence; differential settling, collapse and slope failure; sinkhole formation in karst terrains; liquefaction; and hydrocompaction. Relevant human activities include, but are not limited to, construction operations; flood controls; ground water pumping, injection, and withdrawal; resource extraction; storm water drainage; and seepage from human-made water reservoirs.

Vulnerable Ground Water (Class I Ground Water): Ground water that is highly vulnerable to contamination and are either (1) irreplaceable as a source of drinking water to a substantial population or (2) ecologically vital.

Wellhead Protection Area: Area designated by the states to protect wells in recharge areas of public drinking water supplies, under authority of Section 1428 of the Safe Drinking Water Act.

Appendix D
Additional Comments

Use this space to further clarify or explain responses to questions in the NPL Data Collection Form. When clarifying or explaining a response, please *make sure to provide the question number*. Attach additional sheets if necessary.