

YUROK TRIBE ENVIRONMENTAL PROGRAM

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

FOR: Klamath 101 Wells

LOCATED ON: 65 Chapman Rd., Klamath, CA 95548

APN: 140-060-020

PREPARED FOR:

Yurok Tribe 190 Klamath Blvd Klamath, CA 95548

DATE:

August 27, 2019

PREPARED BY:

Christine Cosby
Environmental Specialist
Yurok Tribe Environmental Program
PO Box 1027
Klamath CA 95548
707-482-1822 ext. 1004

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following Environmental Professionals performed this Phase I ESA in conformance with ASTM Standard Practice E 1527-13 and AAI Standards. The following individual(s) meet the qualifications for individuals completing or overseeing all appropriate inquiries, and possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the existence of environmental conditions on the property. Any work completed on this ESA by an individual who is not considered an environmental professional was completed under the supervision or responsible charge of the environmental professional.

Christine Cosby Christine Cosby

Environmental Specialist

Primary Author

Suzanne M Fluharty, PhD

Environmental Specialist

Primary Reviewer

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EXECUTIVE SUMMARY

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of AASTM E1527-13 at the Subject Property, located on 100 Gensaw Rd., APN 140-060-020, near Klamath, California. This assessment has revealed the following conditions in connection with the Subject Property:

- Former use of the Subject Property as part of the original Klamath Townsite, including automotive repair shops and filling stations, prior to the 1964 flood and undeveloped land from 1964 to 2002.
- Current use of the Subject Property as public drinking water wells for Klamath Community Services District from 2002 until present.
- Well water tests on the Subject Property on 10/09/2018 revealed elevated levels of Hexavalent Chromium (Chromium-6) and Heterotrophic Plate Count.
- The Subject Property as within 300 ft (0.056 mi) of US Brownfields Phase I "Old Townsite 1" that identified the following Recognized Environmental Conditions (RECs): automotive filling station and mechanic repair shop prior to the 1964 flood; including hydraulic lift and two Underground Storage Tanks (UST) which still remain.
- The Subject Property as within 3250 ft (0.61 mi) of US Brownfields Phase I "Former Klamath Mill" that identified the following Recognized Environmental Conditions (RECs): lumber mill with two conical burners, equipment storage and repair area, wood waste landfill, and fueling station with 37,000 gallon Aboveground Storage Tank (AST).
- The Subject Property as within 2,347 ft (0.44 mi) of US Brownfields Phase I "Gas for Less" that identified the following Recognized Environmental Conditions (RECs): the presence of two 10,000 gallon, one 2,000 gallon and one 500 UST that contained petroleum products that were installed between 1967 and 1983, hydraulic lifts potentially covered in the 1990's by a type of tile historically manufactured with asbestos, and underground storage tanks with water filled turbine sumps.

In our opinion, the above stated conditions, including prior Klamath Townsite with automotive repair and filling stations nearby, close proximity to existing UST, downslope of former Klamath Mill site, and well water samples with elevated Chromium-6, would be considered Recognized Environmental Conditions (RECs). The following report will outline the procedures used during this Site Assessment, the physical findings, the historical findings, and present uses of the property.

1.0 INTRODUCTION

The Yurok Tribe Environmental Program (YTEP) has prepared this Phase I Environmental Site Assessment (Phase I ESA) on the Klamath Community Services District property, APN 140-060-020, located on 65 Chapman Road, Klamath, California 95548, near Highway 101 in Klamath, California (hereafter referred to as the Site, or Subject Property). The Subject Property is sited at Latitude (North): 41.527780 by Longitude (West): -124.039100. This Phase I ESA was prepared for the exclusive use of the Yurok Tribe located in Klamath, California and the United States Environmental Protection Agency (US EPA) Region 9 Brownfields Program.

This Phase I conforms to the principals of ASTM E 1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (ASTM, 2013).

This report is organized as recommended in ASTM E1527-13.

1.1 Purpose

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

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

RECs do not include de minims conditions that generally would not be subject to any enforcement action if brought to the attention of appropriate agency.

1.2 Detailed Scope of Work

This Phase I ESA conforms to the principals of work described in ASTM E1527-13.

1.3 Significant Assumptions

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

1.4 Limitations and Exceptions

"No environmental site assessment can wholly eliminate uncertainty regarding the potential for the recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the property" (ASTM, 2013). The information included in this report is based professional opinions from our field reconnaissance and visual observations of

the Subject Property and our review and interpretation of available historic information as described in this report.

1.5 Special Terms and Conditions

No special terms or conditions are related to this investigation.

1.6 User Reliance

This report was prepared for the sole and exclusive use of the Yurok Tribe located in Klamath, California and the USEPA Region 9 Brownfields Program. The scope of work performed in this investigation may not be appropriate to satisfy needs of others. Any use of this document and findings is at the sole risk of said user.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Subject Property APN 140-060-020 comprised of 1.100 acres (47,916 Sqft), is located in Del Norte County in the vicinity of the Old Klamath Townsite, at 65 Chapman Road in Klamath, California 95548, and resides within the exterior boundaries of the Yurok Reservation. The eastern boundary of the Subject Property is bordered by Chapman Rd. The entrance to the Subject Property is located at latitude 41.527780 (North), longitude -124.039100 (West).

According to the Del Norte County Assessor, the current owner of the subject property is Klamath Community Services District (KCSD), a local municipal water provider. The Subject Property was conveyed by grant deed dated October 28, 2002 from Lora Louise Fausey to KCSD, and accepted by Gary James Taylor, President Board of Directors on November 18, 2002.

Legal Description of APN 140-060-020: All that certain piece or parcel of land containing 1.102 acres, more or less, being a portion of Section 10, Township 13 North, Range 1 East, Humboldt Meridian, situate and lying in the County of Del Norte, State of California.

- 1. Thence North 35 55' 20" West a distance of 240.00 feet to a point marked identically to the point of beginning:
- 2. Thence North 54 04' 40" East a distance 200.00 feet to a point marked identically to the point of beginning, said point being on the West line of Chapman Road as said road is shown on Record of Survey for Klamath Community Services District by Richard B Davis, said map to be filed concurrently with this description;
- 3. Thence South 35 55' 20" East along Chapman Road a distance of 240.00 feet to a point marked identically to the point of beginning;
- 4. Thence South 54 04' 40" West a distance of 200.00 feet to the Point of Beginning.

Figure 1 shows the location of the Subject Property, APN 140-060-020 and its relationship to the general area and known landmarks.

2.2 Site and Vicinity General Characteristics

The Subject Property is accessible from Chapman Road, right off of US Highway 101, a major artery that traverses North and South through Del Norte County, through the state of California. The Subject Property is within the Federal Emergency Management (FEMA) 100 year floodplain and adjacent to National Wetlands. The Subject Property is relatively flat land with an elevation of 29 ft. above sea level; the topography in the area slopes slightly west, towards the Klamath River, which is also indicative of the surficial groundwater flow. The soil is predominantly sandy loam with moderate infiltration rates. The bedrock is reached at greater than 60 inches below surface level. The Klamath River runs parallel to the western boundary, less than a 0.25 mile from the Subject Property.

Figure 2 and Figure 3 are the most recent of the USGS Historical Topographic Map Collection (HTMC) map of the region, Requa 1997 Quadrangle.

Figure 4 shows the elevation profile at the Subject Property and Surrounding Area from the USGS 7.5' Digital Elevation Model

Figure 5 shows the vicinity of the Subject Property to National Wetlands

2.3 Current Use of the Property

The subject property is currently used by the Klamath Community Services District (KCSD) as a well site, with two established wells and one test well that was drilled around July/August 2018. The wells are connected but not currently being utilized by KCSD for municipal water use, possibly because of salt water intrusion. KCSD is instead leasing a well from Green Diamond Resource Company on Klamath Mill Road, APN 140-150-001, approximately 0.68 miles southeast of the Subject Property across HWY 101.

2.4 Description of Structures, Roads, Other Site Improvements

The Subject Property is surrounded by a chain-link fence with barbed wire on top. It is bordered by Chapman Rd on the eastern boundary. Chapman Rd is basic 2-lane county road off of Hwy 101 and HWY 169 on Del Norte County Public Lands, APN 140-060-001, and provides access to the popular Klamath County Boat Ramp. The Subject Property is enclosed by a large chain-link fence. Across from the Subject Property on the east side of Chapman Rd. is a 30-40 ft. PG&E Electrical Pole with treated wood and double transformer.

2.5 Current Use of Adjoining Properties

The Subject Property is adjoined by the Yurok Economic Development Corporation (YEDC) parcel APN 140-060-021 which forms the north, south, and western boundaries of the Subject Property. The YEDC currently operates a seasonal recreation vehicle park near the southwestern extent of the parcel and encompasses all of parcel APN 140-110-006. The Redwood RV park, formally CatsRV, can accommodate 25 recreational vehicles. There are multiple structures on the property that are used as manager living quarters and offices. The Subject Property is adjoined by Del Norte County Public Lands on the eastern boundary APN 140-060-001 which includes Chapman Rd.

Figure 6 shows the subject property in relation the adjoining properties

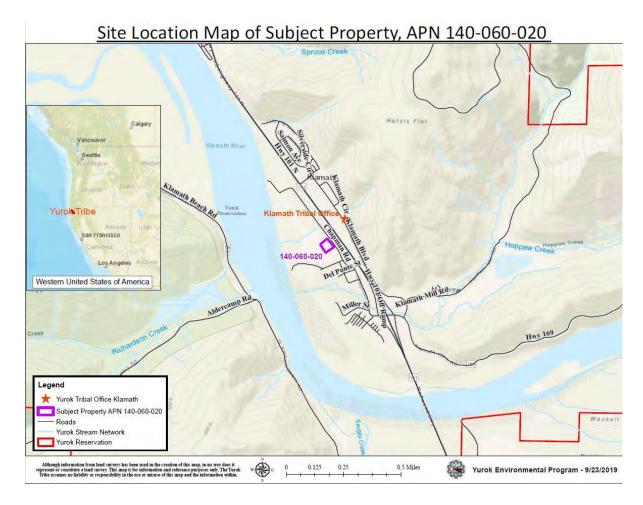


Figure 1 Site Location Map of Subject Property, APN 140-060-020. This contour map shows the location of the Subject Property and its spatial relationship to adjacent creeks, roads, the Klamath River, and the Yurok Tribe's main offices in the town of Klamath, California.



Figure 2 USGS Historical Topographic Map Collection (HTMC), 7.5 Minute Topographic Map, Requa Quadrangle, Del Norte County, CA 1997

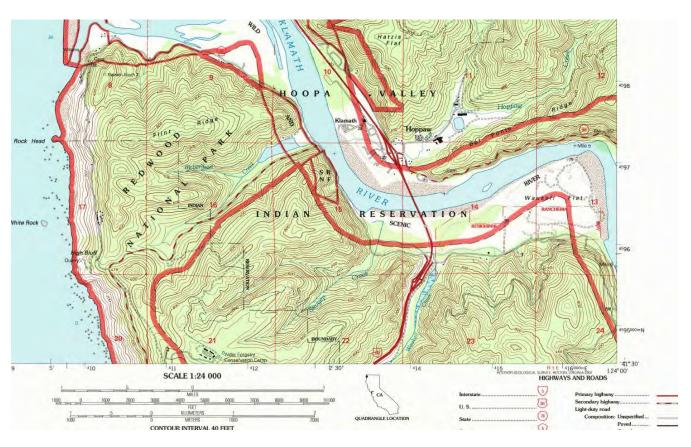
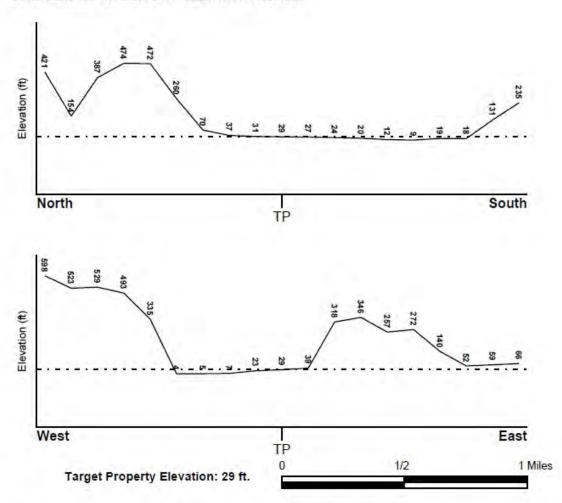


Figure 3 Close up of Subject Property on USGS Historical Topographic Map Collection (HTMC), 7.5 Minute Topographic Map, Requa Quadrangle, Del Norte County, CA 1997

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

Figure 4 Subject Property Elevation Profile shows the elevation profile at the Subject Property (target property) and Surrounding Area from the USGS 7.5' Digital Elevation Model

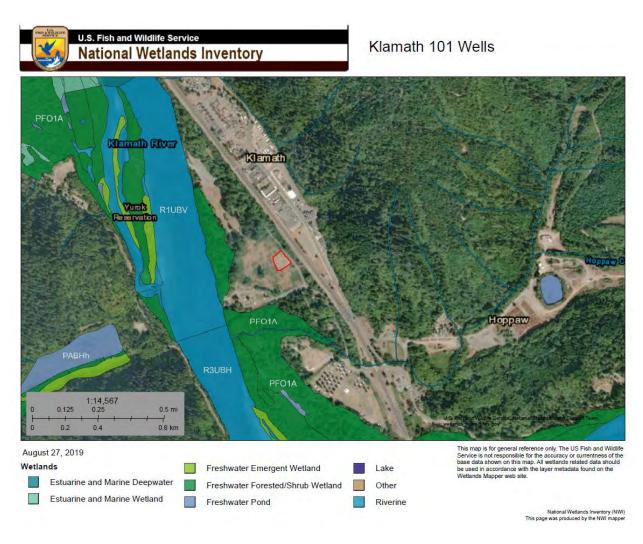


Figure 5 U.S. Fish and Wildlife National Wetlands Inventory showing National Wetlands adjacent to the Subject Property (indicated by red box).

Subject Property with Adjoining Properties

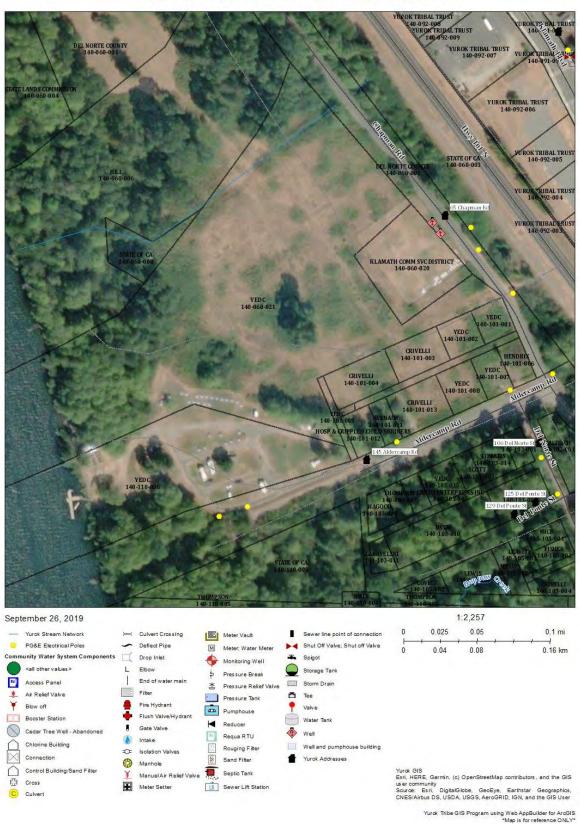


Figure 6 Subject Property (APN 140-060-020) with Adjoining Properties

3.0 USER PROVIDED INFORMATION

3.1 Title Records

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

3.2 Environmental Liens or Activity Use Limitations

There are no Environmental Liens or Activity and Use Limitations on file for the Subject Properties.

3.3 Specialized Knowledge

Specialized knowledge concerning the Subject Property was obtained through environmental questioning with Yurok Tribe Planner IV, Joshua Norris (Josh). Josh was the Project Manager for the Yurok Tribe – Individual and Community Wells project, and was on site during the drilling activity of the test well on the Subject Property. Environmental Questionnaires are provided in Appendix A.

3.4 Commonly Known or Reasonably Ascertainable Information

It is commonly known that repeated, devastating flood events occur in the Klamath River area, often changing the course of the river, adjacent properties, and surrounding vicinity. It is also commonly known that the flood events of 1861 and 1964 destroyed the entire town of Klamath. According to the department of the Interior, the top six historical floods are listed below; all floods likely impacting the subject property.

- December 1861 flood reached a stage of 60 ft, site and datum then in use recorded a discharge 450,000 ft³/s
- February 1881 reached an unknown height as the gage was destroyed, but a discharge of 360,000 ft³/s is recorded.
- February 1890 flood waters reached a stage of 63 ft, with a discharge 425,000 ft³/s
- December 1955 reached a gage height of 49.7 ft, with a discharge of 425,000 ft³/s
- December 1964 waters reached a height of 55.3 ft (18 feet over the flood stage), with a maximum discharge rate of 557,000 ft³/s.
- December 31, 2005 river level crested at 47.12 ft.

3.5 Valuation Reduction for Environmental issues

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

3.6 Owner, Property Manager and Occupant Information

The owner and property manager of the Subject Property is the Klamath Community Services District (KCSD), which is governed by a Board of Directors. Margaret Caldwell is the Board President and current manager of the property. Margaret was interviewed by phone on September 25, 2019. She was not aware of any known environmental contaminates associated with the Subject Property;

however, wells are tested on a regular basis following state and federal guidelines. She mentioned Dara Zimmerman, Environmental Engineer from Indian Health Services was involved in the testing of the recent well. The completed questionnaires are included in the Appendix A. Yurok Tribe Planner IV, Joshua Norris, was interviewed in person on September 12th, 2019.

3.7 Reason for Performing Phase I ESA

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

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

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

The Subject Property is listed on the following databases reviewed by the EDR report and the user of this report:

<u>ID</u>	SITE NAME	<u>DATABASES</u>	DIST(ft)	DIST(mi)
0	YUROK RESERVATION	INDIAN RESERV	0	0
1	VERIZON WEST COAST -	LUST,HIST UST,EMI,CERS	89	0.017
	REQUA/KLAMATH			
2	OLD TOWNSITE 1	FINDS,US BROWNFIELDS	299	0.057
3	CATS RV	FINDS,US BROWNFIELDS	536	0.102
4	FORMER KLAMATH MILL	FINDS,US BROWNFIELDS	1,138	0.216
5	GREEN DIAMOND RESOURCE	AST	1,138	0.216
	COMPANY			
6	SIMPSON TIMBER COMPANY	CPS-SLIC	1,518	0.287
7	TEXACO, KLAMATH	LUST,HIST UST,HIST CORTESE,CERS	2,335	0.442
8	GAS FOR LESS	FINDS,US BROWNFIELDS	2,347	0.444
9	TEXACO, KLAMATH	LUST	2,354	0.446

- ID 0 -Yurok Indian Reservation do not have a listed address and are included in the "Indian Reservation" database as an indication of the presence of Indian administered lands that have an area greater than or equal to 640 acres.
- ID 1- Upon review of the EDR Radius Map and Google Maps it was determined that Verizon West Coast Requa/Klamath is located at 1405 Patrick J Murphy Memorial Rd, Requa, CA and is misplaced on the findings map. This location is not within the 1 mile radius of the Subject Property.
- ID 2- Old Townsite 1 is the site of a US Brownfields conducted by the Yurok Tribe Environmental Program in September 2010. It is the location of a former commercial automotive filling and service station which operated from roughly 1958 until it was mostly destroyed during by catastrophic flood of December 1964. The assessment identified the following recognized environmental conditions: remnant fuel dispensing islands, hydraulic lift for automotive services, and two 2,500 gallon Underground

- Storage Tanks (UST) which still remain. This site is approximately 300 ft (0.056 mi) south-southeast from the Subject Property and within the FEMA floodplain. Due to the close proximity to the Subject Property, this site could possibly be a source of contamination.
- ID 3- CatsRV (now Redwood RV Park) is the site of a US Brownfields conducted by the Yurok Tribe Environmental Program in September 2012. It is the former and current site of a seasonal recreational vehicle park for RV's. The site is located approximately 536 ft (0.10 mi) southwest of the Subject Property. It borders the Klamath River and is included in the FEMA floodplain and National Wetlands Inventory as "Freshwater Forested/Shrub Wetland" habitat. While the site is downstream of the Old Townsite 1 Brownfields REC, the Environmental Professional did not did not conclude with any recognized environmental conditions.
- ID 4- Former Klamath Mill is the site of a US Brownfields conducted by the Yurok Tribe Environmental Program in August 2011. It is the location of a former commercial Lumber Mill operated by Green Diamond Resource Company from roughly 1952 to 1988. The assessment identified the following recognized environmental conditions: lumber mill with two conical burners, equipment storage and repair area, wood waste landfill, and fueling station with 37,000 gallon AST. Upon review of the EDR Radius Map and Google Maps it was determined that the location is misplaced on the findings map. This site was shown in the EDR Findings Radius Map as 1,138 ft southeast of the Subject Property. It is actually located at 200 Klamath Mill Rd as indicated in the FINDS US Brownfields database, which is roughly 3,250 ft (0.61 mi) southeast of the Subject Property. Due to the nature of the geologic strata and groundwater flow direction, this site could possibly be a source of contamination.
- ID 5- Green Diamond Resource Company is a timber company that owns property within and adjacent to the Yurok Indian Reservation. It is the location of a 37,000 gallon aboveground storage tank (AST) located on the former Klamath Mill. This site came up as part of the AST Database; a listing of state and tribal registered aboveground petroleum storage tank locations. This site was shown in the EDR Findings Radius Map as 1,138 ft southeast of the Subject Property. It is actually located at 200 Klamath Mill Rd as indicated in the AST database, which is roughly 3,250 ft (0.61 mi) southeast of the Subject Property. Due to the nature of the geologic strata and groundwater flow direction, this site could possibly be a source of contamination.
- ID 6- Simpson Timber Company was shown in the EDR Findings Radius Map in the town of Klamath, CA and listed as in the CPS-SLIC: Cleanup Program Sites (CPS) and formerly known as Spills, Leaks, Investigations, and Cleanups (SLIC) sites which is now included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. Upon searching GeoTracker and reviewing the EDR Site Report, no information was obtained regarding the finding. Additionally, due to the nature of the

- geologic strata and groundwater flow direction, this site would not be a likely source of contamination.
- ID 7,8,9- Gas for Less/Texaco, Klamath is the site of a US Brownfields conducted by the Yurok Tribe Environmental Program in July 2013. It is the location of a former gasoline and diesel filling station, convenience store, and vehicle storage station. The site is located approximately 2,347 ft (0.44 mi) southeast of the Subject Property. The assessment identified the following historical recognized environmental conditions (HREC): the presence of two 10,000 gallon, one 2,000 gallon and one 500 UST that contained petroleum products that were installed between 1967 and 1983, hydraulic lifts potentially covered in the 1990's by a type of tile historically manufactured with asbestos, underground storage tanks with water filled turbine sumps. Upon review of the EDR Radius Map Report and Gas For Less Phase I Environmental Site Assessment it was determined that due to the nature of the geologic strata and groundwater flow direction, this site could possibly be a source of contamination.

No additional databases are listed in the EDR Radius Map report other than those listed above in this section. Sanborn Fire insurance maps were not detected for the Subject Property. City Directory data did not indicate the Subject Property as ever having commercial use.

4.2 Additional Environmental Record Sources

The YTEP Illegal Dump Inventory database was reviewed for community concerns associated with the Subject Property and vicinity. Dump Inventory records from 2019-2010 indicate repeated illegal dumping, abandoned vehicles, and squatting at the end of Chapman Rd on Del Norte County Public Lands, also known as the County Boat Ramp. This area is north of the Subject Property but not directly adjacent. The chain-link fence surrounding the Subject Property has likely prevented the area from being utilized as dumping grounds.

4.3 Physical Setting Sources

The 1997 United States Geological Survey (USGS) 7.5 minute topographic map titled Requa, California, which includes the Subject Property and surrounding areas, was reviewed and is included in Figure 2. The Subject Property has an elevation of approximately 29 feet above mean sea level. The Subject Property is in a flat area that gently slopes to the west towards the Klamath River. The U.S. Department of Agriculture Soil Conservation Service's National Soil Cooperative Soil Survey has determined the soil component as "BIGRIVER," a sandy loam with moderate infiltration rates. The nearest stream shown on the USGS topographic map is Hoppaw Creek located 0.16 miles to the south. Next closest and most likely to induce flooding in high water years is the Klamath River, located 0.20 miles west.

4.4 Historical Use Information on the Property

Information in this section of the report is based on acquisition and review of various historical sources, including historic aerial photographs, historic topographic maps, and interviews with local officials.

4.4.1 EDR Historic Aerial Photographs

- 1964- Major roads and some secondary roads are visible. The old Klamath HWY 101 Bridge is easily discernable in this image as it was taken pre December 1964 flood, which wiped out the bridge as well as the old Klamath Townsite. There's a fairly large established sandbar that's not present in the 1974 image.
- 1974- This image is extremely low resolution, making details difficult to discern. This image was taken 10 years after the major flood of 1964. The Klamath 101 Bridge is no longer present. Some roads are visible but the Klamath Townsite remains unpopulated. There's evidence of a few structures in the area of the new Klamath Townsite.
- 1978- This image is low contrast and washed out, making details difficult to discern; however, vegetation seems to have reestablished in and around the Subject Property. More buildings are visible in this image as well as large RV parks west and south of the Subject Property. Chapman Rd is visible but it does not continue through to the County Boat Ramp, as it does today.
- 1988- This image has much better resolution compared with the previous three. The area surrounding the Subject Property appears mostly undeveloped besides the RV Park off of Alder Camp Rd.
- 1993- This is the first image to show Chapman Rd all the way through to the Klamath County Boat Ramp. The town of Klamath and the RV Parks are more distinct in this image.
 Vegetation has clearly established on the large sandbar south of the Subject Property.
- 1998- This image has a low exposure and contrast causing an overall darker image quality. No noticeable changes are observed in and around the Subject Property.
- 2005- This is the first true color image which makes for a better distinction of buildings.
 The Klamath Tribal Office is visible in this image, as well as the Pem-mey gas station and
 Klamath Townsite. Additionally, it seems that the concrete well casing are visible on the
 subject property.
- 2009- This true color image is more vibrant then the previous but no obvious distinctions are noted otherwise.
- 2012-This image includes a vibrant green for vegetation but the water is reflective and washed out. There's additional clearings in the parcel surrounding the Subject Property.
 The concrete slab, remnants of the former gas station and US Brownfields on the corner of Chapman Rd and AlderCamp Rd, also appears cleared of brush with some large structures.
- 2016-The tower and wells are highly visible in this image. The areas that were cleared in the adjacent property are now filled in with brush, small trees, and/or bramble. The concrete slab, remnants of the former gas station and US Brownfields on the corner of Chapman Rd and AlderCamp Rd is now mostly covered with bramble.

4.4.2 Other Historic Photographs

"Hell From High Water: Pictorial of Christmas Week Floods in Del Norte Count, California, Klamath and Smith Rivers" providded a photograph identified from an unknown source taken in December 1964 after the historic flood. The imagethe Subject Property. Frank Brickwedel, Del Norte County assessor at that time, reported \$4 million worth of property affected by the disaster and 7,000 acres of cropland flooded with silt deposits. Red Cross officals reported an estimated 205 homes and 40 trailers were demolished in the Klamath area. Another 100 homes were classafied as having major damage and 171 homes listed as having minor damage.

4.4.3 Historic Topographic Maps

Historic topographic maps from 1929, 1945, 1947, 1952, 1966, 1997, and 2012 were provided by EDR Corporation. Historic topographic maps are provided in Appendix D. The topographic maps were reviewed and the following observations were made:

- 1929- This map does not document the Subject Property in any detail. The Subject Property is north of Hoppow Creek, but should be located on the west side of the road shown on this map. It's difficult to determine, as the road is unlabeled; however, later maps indicate it on the west side of HWY 101 as it is today.
- 1945- This map has much greater detail surrounding the Subject Property. The Old Klamath Townsite is shown with a network of roads and buildings south of the Subject Property. The old HWY 101 Bridge is included in this map, and the Subject Property is placed correctly. Contours were added throughout the area, which helps to visualize the surrounding topography. This is the first map with the old HWY 101 Bridge.
- 1947- No major changes between the 1945 and 1947 maps except for closer latitudinal and longitudinal lines.
- 1952- This map has greater detail in terms of labeling throughout the community. HWY
 101 is displayed as Redwoods Highway and the old HWY 101 Bridge is named Douglas
 Memorial Bridge. The Old Klamath Townsite has now doubled in size and includes the
 subject property.
- 1966- This is the first map post 1964 flood. The Douglas Memorial Bridge is no longer in place and Redwoods Highway is shown as noncontiguous. The new HWY 101 is displayed in red and runs parallel to Waukell Creek before crossing over the Klamath River near Resighini. The Old Klamath Townsite includes a few discrete roads but the township is no longer present. This map well defines the Subject Property and its relationship to the surrounding floodplain and increased topography to the east. Another new development is the millpond off of Richardson Creek and Hoppaw Creek on the Klamath Mill Site operated by Green Diamond Resource Company. Logging roads are visible leading north from the Hoppaw millpond.
- 1997- Due to the Hoopa-Yurok Settlement Act of 1988, this is the first map to include the
 reservation (indicted in bold red lines). In addition to the reservation, land management
 agencies such as Six Rivers National Forest and Redwood National Park are included.
 Additional logging roads are visible and the Klamath Mill site appears more developed.
 Several boat docks are included in the Camp Klamath area. The area surrounding the
 Subject Property remains undeveloped, as confirmed in the aerial photography overview.

• 2012- This map is much simpler than the two previous. The reservation boundary and land management agencies are no longer included. A necessary addition to this map was the labeling of roads, including: Chapman Rd, Klamath Mill Rd, and Klamath Ave., where the Yurok Tribal office is now located.

4.4.4 Historic City Directories

The Historic city directory did not include the Subject Property in years 2014, 2010, 2005, 2000, and 1992. Alder Camp Rd was associated with the following results. Documentation is included in Appendix E.

- 2014 CONSERVATION CAMP CORRECTONS RHBLTATION CAL DEPT
- 2010 CORRECTONS RHBLTATION CAL DEPT
- 2005 CORRECTIONS CALIFORNIA DEPT
- 2000 CATS LAZY RIVER RETREAT
- 1992 MCGARVA, ANTHONY R

4.4.5 Sanborn Fire Insurance Maps

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

4.5 Data Failure

Historical aerial records tracking the Subject Property date back to 1964. Topographic maps of the region date back to 1929. The earliest development for this property is shown in the 1945 topographic map, where it is adjacent to the Old Klamath Townsite. The available historical data fails to identify the historical uses of the property prior to 1945. This creates a data gap before the year of 1945. However, historical records indicate the old town of Klamath was first developed in 1851 and then was abandoned in 1852. It was reestablished in 1926, and was flooded in 1955 and 1964. After the 1964 flood, most of the town's inhabitants left.



Figure 7 Unknown photographer, "Hell From High Water," December 1964, Klamath area after the flood.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The Subject Property was inspected by Christine Cosby, primary author of this report and staff of the Yurok Tribe Environmental Program, on September 3, 2019. Copies of the field site inspection are located in Appendix A and photographs from the Site inspection are included in Appendix G.

In general there were no limitations of a visual inspection imposed by physical obstructions such as adjacent buildings, asphalt, other paved areas, or other physical constraints. However, access was not obtained from KCSD therefore inspection was limited to the perimeter of the Subject Property.

5.2 General Site Settings

The Subject Property is located on a relatively flat 1.100 acre (47,916 SqFt.) parcel with micro topography. The Subject Property has manicured lawn and is surrounded by a chain-link fence and locked gate entrance on the eastern boundary. There are two rectangular concrete well casings on the eastern side of the Subject Property near the fenced entrance. Between the two wells is a > 6 ft. wooden tower holding the electronic panel with control switches to the well operations. The tower was built around 2005 to raise the controls out of the floodplain. Beyond the older two wells is a test well with bright yellow cap and sanitary seal that was drilled July/August 2018 as part of the Yurok Tribe – Individual and Community Well Project in Klamath.

5.3 Exterior Setting

No petroleum or chemical smells on arrival to the Subject Property. A large 30-40 ft. PG&E Electrical Transmission pole with treated wood resides across from the Subject Property on the east side of Chapman Rd. There is a double transformer on the pole; however, it is unknown if the transformer is PCB free.

5.4 Interior Observations

The Subject Property includes a wooden tower > 6 ft. The tower is open air with a large wooden panel on the west side, housing the control switches for the inactive wells.

6.0 INTERVIEWS

6.1 Interviews with Owners/Site Managers

An interview with Margaret Caldwell was conducted on September 25, 2019. Margaret is the Board President and Site Manager for the Klamath Community Services District (KCSD). Margaret stated the current use of the Subject Property is a well site with a newly drilled test well; however, none of the wells are currently being used. The KCSD is currently leasing a well owned by Green Diamond Resource Company situated directly below the former Klamath Mill site and US Brownfields Phase I. She describes the past use of the property as possibly cattle grazing from adjacent landowners, which required the KCSD to fence in the parcel, keeping cattle at a certain distance away from drinking water sources. Margaret was not aware of any AUL other than designation from FEMA as included in the 100 year floodplain. She was not aware of any chemical releases or environmental clean ups. When asked about specific chemicals present she responded that the KCSD tests wells continually following state and federal guidelines. She mentioned in this statement that Dara Zimmerman, lead Environmental Engineer for Indian Health Services, may be a good contact because she reported that the water quality in the July/August 2018 test well was not good. A copy of the questionnaire is located in Appendix A.

6.2 Interviews with Occupants

Occupants for the Subject Property would be the KCSD.

6.3 Interviews with Local Government Officials

Joshua (Josh) Norris, Planner IV for the Yurok Tribe was interviewed on September 12, 2019. Josh had specialized knowledge related to the Subject Property because of his role as Project Manager for the Yurok Tribe – Individual and Community Well project in Klamath. Josh was one site for the July/August 2018 test well drilling on the Subject Property. Josh was not aware of any spills, chemical releases, or environmental clean ups; however, he mentioned the use of the surrounding area as the original Klamath Townsite, wherein gas stations, mechanic shops, and a movie theater were located prior to the 1964 flood. Josh included that the past use of the Subject Property was a well site since the 1980's and the more recent flooding in 2005 introduced a salt water intrusion. Josh was able to provide contact information for Margaret Caldwell, Board President for the KCSD. Lastly, Josh was asked about indicators that point to the likely presence of contamination. He stated that he was concerned about the elevated levels of hexavalent chromium that came up in the water quality results of the test well. Josh referred me to Dara Zimmerman, Indian Health Services, lead Environmental Engineer for the Yurok Tribe - Individual and Community Well project. Reasonable attempts were made to contact Dara directly. A copy of the questionnaire is located in Appendix A.

7.0 FINDINGS

The assessment has identified the following environmental findings:

- Based on historical evidence including aerial and topographic maps it was determined the Subject Property was a part of the Old Klamath Townsite; including automotive filling stations and repair shops that contained petroleum and petroleum products. It is also commonly known that the devastating flood events of 1861 and 1964 destroyed the entire Old Klamath Townsite.
- Test results from the new test well on the Subject Property on 10/09/2018 revealed elevated levels of Hexavalent Chromium (Chromium-6) and Heterotrophic Plate Count. The test well was drilled to 80+ feet until it hit a salt ball formation and was backfilled to cap the well at 70 ft.
- Recognized Environmental Conditions (RECs) were discovered by the previous US
 Brownfields Phase I "Old Townsite 1" within 300 ft. or 1/8th mile of the Subject Property.
 The assessment identified the following Recognized Environmental Conditions (RECs):
 remnant fuel dispensing islands, hydraulic lift for automotive services, and two 2,500 gallon
 Underground Storage Tanks (UST) which still remain.
- Recognized Environmental Conditions (RECs) were discovered by the previous US
 Brownfields Phase I "Former Klamath Mill" within 3250 ft (0.62 mi) of the Subject Property
 including: lumber mill with two conical burners, equipment storage and repair area, wood
 waste landfill, and fueling station with 37,000 gallon Aboveground Storage Tank (AST).
- Recognized Environmental Conditions (RECs) were discovered by the previous US
 Brownfields Phase I "Gas for Less" 2,347 ft (0.44 mi) of the Subject Property including: two
 10,000 gallon, one 2,000 gallon and one 500 UST that contained petroleum products that
 were installed between 1967 and 1983, hydraulic lifts potentially covered in the 1990's by a
 type of tile historically manufactured with asbestos, and underground storage tanks with
 water filled turbine sumps.
- Information obtained during interviews of both Josh Norris and Margaret Caldwell (government officials) indicated that the old wells at the Subject Property are not currently in use as public drinking water due to a salt intrusion.
- The Subject Property is within the Federal Emergency Management (FEMA) 100 year floodplain with relatively flat gently westward-sloping topography and an elevation of 29 ft. above sea level; which is also indicative of the surficial groundwater flow.

8.0 OPINION

8.1 Recognized Environmental Concerns and Historic Recognized Environmental Concerns:

Based on the information obtained from this investigation the following findings would likely rise to the level of regulatory enforcement and for this reason these conditions should rise to the level of Recognized Environmental Concerns (RECs).

- Well water quality results revealed elevated levels of Hexavalent Chromium (Chromium-6) and Heterotrophic Plate Count. Chromium-6 is a heavy metal and carcinogen occurring both naturally in the environment and produced during various industrial processes including but not limited to: textile dyes, wood preservation, and anti-corrosion products.
- Close proximity of the Subject Property to US Brownfields Phase I "Old Townsite 1," "Former Klamath Mill," and "Gas For Less" all within 300-3250 ft (0.056-0.62 mi). Recognized Environmental Concerns (RECs) at those sites include: hydraulic lifts, Underground Storage Tanks (UST), lumber mill with two conical burners, equipment storage and repair area, wood waste landfill, fueling station with 37,000 gallon Aboveground Storage Tank (AST), and water filled turbine sumps. Due to the elevation, likely groundwater flow direction, and aquafer connection, it's possible that the Subject Property would see contamination from these sites in its groundwater. Further testing should occur on surface and depth at the Subject Property.
- Known historic flooding and potential for past and future petroleum releases to have occurred.
- Former use of the Subject Property as part of the original Klamath Townsite, including automotive repair shops and filling stations, prior to the 1964 flood.

8.2 Opinion Regarding Additional Appropriate Investigation:

The presence or likely presence of contamination at the Subject Property, based on the well water quality results and RECs outlined in section 8.1, it is the opinion of this environmental professional that additional appropriate investigations and analysis be conducted. It is obvious that the contamination is affecting redevelopment, as the test well is currently unusable until further testing and treatment plans are in place. Phase II Site Investigations at the Subject Property should include surface and depth testing. Additionally, it is recommended that Phase II testing and removal of the hydraulic lift and UST occur at the US Brownfields Phase I "Old Townsite 1". Additional Phase II investigation should occur on the US Brownfields Phase I "Former Klamath Mill." Lastly, water quality testing for Chromium-6 and Heterotrophic Plate Count should be conducted at the Green Diamond Resource Company well site leased by KCSD as public drinking water for Klamath. Qualifications of the environmental professionals that prepared this report are included in Appendix H.

9.0 CONCLUSIONS

We have performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-13 at the Subject Property, located on 65 Chapman Rd., APN 140-060-020, near Klamath, California. Any exceptions to, or deletions from, this practice are described in Section 2 of this report. This assessment has revealed the following Recognized Environmental Conditions (RECs) in connection with the property.

- Well water quality results revealed elevated levels of Hexavalent Chromium (Chromium-6) and Heterotrophic Plate Count. Chromium-6 is a heavy metal and carcinogen occurring both naturally in the environment and produced during various industrial processes including but not limited to: textile dyes, wood preservation, and anti-corrosion products.
- Close proximity of the Subject Property to US Brownfields Phase I "Old Townsite 1," "Former Klamath Mill," and "Gas For Less" all within 300-3250 ft (0.056-0.62 mi). Recognized Environmental Concerns (RECs) at those sites include: hydraulic lifts, Underground Storage Tanks (UST), lumber mill with two conical burners, equipment storage and repair area, wood waste landfill, fueling station with 37,000 gallon Aboveground Storage Tank (AST), and water filled turbine sumps.
- Former use of the Subject Property as part of the original Klamath Townsite, including automotive repair shops and filling stations, prior to the 1964 flood. Known historic flooding indicates the potential for past and future petroleum releases to have occurred.

10.0 DEVIATIONS

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

11.0 REFERENCES

ASTM, 2013. E 1527-13 Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process. ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. United States.

Environmental Data Resources (EDR). *July 24, 2019.* Aerial Photograph Decade Package. Inquiry Number: 5726703.11

July 23, 2019. Certified Sanborn Map Report. Inquiry Number: 5726703.3

July 23, 2019. City Directory Abstract. Inquiry Number: 5726703.5

July 29, 2019. Environmental Lien Search Report. Inquiry Number 5726703.7S

July 23, 2019. Historic Topographic Maps. Inquiry Number: 5726703.4

July 23, 2019. Radius Map Report. Inquiry Number: 5726703.2s

United States Geologic Service (USGS), Historical Topographic Map Collection (HTMC), 7.5 Minute Topographic Map, Requa Quadrangle, Del Norte County, CA, 1997

Yarbrough, James. "Hell From High Water: Pictorial of Christmas Week Floods in Del Norte County, California: Klamath and Smith Rivers." *Del Norte County Triplicate*, Edited by Nathan Bull, Jan. 1965, p. 20.

APPENDIX A ENVIRONMENTA	AL QUESTIONNAIRES AN	ID FIELD SITE INSPECTION FOR	RM

Yurok Tribe Environmental Program: Environmental Questionnaire

Respondent:	Date:9/25/20	19		
•	Name: Marga			
Title: Board President				
	Organization:	Klamath Community	y Services District	
Status:	J		•	
☐ Owi	ner I	Site manager	Occupant	☐ Government Official
□Oth	er: <i>explain</i>			
What is the cu	ırrent use of	the property? <u>W</u>	/ell site – one recentl	y drilled test well and two existing
wells. None of	the wells on th	e property are curre	ntly being used by KC	SD, they are leasing a well on Green
Diamond prope	erty across HW	Y 101.		
-	-	of this property?	Yes	□ No
If yes, describe:				
		_	g pernaps from surro	unding landowners because they
riad to reflec ii	r the pareer to	KCCP COWS at CCItain	distance from wens	
Are there any ☐ Yes	transactions	s planned or under No	rway for this prope	erty? If yes, what type?
☐ Sale	· [☐ Purchase	Exchange	
□Oth	er: <i>explain</i>	<u>No</u>		
Who is the sit	e contact for	the property? _	Margaret Caldy	vell
How can the s		e reached? athcsd@gmail.com		
Who is the ow KCSD	ner of the pi	operty?		
Who are the o	occupants of	the property? <u>K</u>	CSD occupies propert	<u>cy</u>

Do you have any specialized knowledge or experience related to the property or nearby properties? Yes No
If yes, describe: Knows that the tribe owns some of the properties surrounding due to trying to gain additional property for the leach field
Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry? No No
If yes, describe: Not that she's aware of but mentioned that it's included in 100 year flood plain so electrical panels had to be raised out of the flood zone even before her time.
Do you know of specific chemicals that are present or once were present at the property? ☐ Yes ☐ No
If yes, describe: Not she's aware of but they test continually following state and federal guidelines. She mentioned that Dara Zimmerman, Environmental Engineer of Indian Health Services, was the lead engineer. She said that Dara reported that the water quality was not good in the new test well, but she hasn't heard A lot from her since then.
Do you know of any spills of other chemical releases that have taken place at the property? — Yes — No
If yes, describe: No
Do you know of any environmental clean ups that have taken place at the property? ☐ Yes ■ No
If yes, describe: No
Based on your knowledge and experience related to the property, are there any indicators that point to the likely presence of contamination at the property?
If yes, describe: No

Yurok Tribe Environmental Program: . Environmental Questionnaire

Status: Owner	Respondent: Date: 9/12/2019 Name: Joshua Norris Title: Planner M IV Organization: Yurok Tribe	
Other: explain What is the current use of the property? KCSD Well Site		-
What is the current use of the property? CSD Well Site	Owner Site manager Occi	upant
Do you know the past use of this property? Yes	Other: explain	
Well site since 1980's or slighty prior, 2005 floods biought salt water intrusion		well site
Well site since 1980's or slighty prior, 2005 floods		es 🗆 No
Are there any transactions planned or underway for this property? If yes, what type? Yes No Unknown Sale Purchase Exchange Other: explain Who is the site contact for the property? Margaret Caldwell - Director KCSD How can the site contact be reached? Phone 707-482-1932 Who is the owner of the property? KCSD Oversite by board of trustees	Well site since 1980's or	slighty prior, 2005 floods
Are there any transactions planned or underway for this property? If yes, what type? Yes No Unknown Sale Purchase Exchange Other: explain Who is the site contact for the property? Margaret Caldwell - Director KCSD How can the site contact be reached? Phone 707-482-1932 Who is the owner of the property? KCSD Oversite by board of trustees	brought salt water intrus	on
Yes		
Who is the site contact for the property? Margaret Caldwell - Director KCSD How can the site contact be reached? Phone 707-482-1932 Who is the owner of the property? KCSD oversite by board of trustees		
Who is the site contact for the property? Margaret Caldwell - Director KCSD How can the site contact be reached? Phone 707-482-1932 Who is the owner of the property? KCSD oversite by beard of trustees	☐ Sale ☐ Purchase ☐ Exch	nange
How can the site contact be reached? Phone 707-482-1932 Who is the owner of the property? KCSD oversite by beard of trustees	Other: explain	
Who is the owner of the property? KCSD oversite by beard of trust eas	Who is the site contact for the property?	cet Caldwell - Director KCSD
oversite by board of trust ees	How can the site contact be reached? Phone 7	07-482-1932
Who are the occupants of the property? N/A	Who is the owner of the property? KCSD overside by	board of trust ees
	Who are the occupants of the property?	

Do you have any Yes	specialized knowledge or experience related to the property or nearby proper No
If yes, describe:	Project manager Klamath well drilling project. Vas on site for recent drilling around August 2018
controls that are Yes	f any AULs, such as engineering controls, land use restrictions or institutional in place at the site and/or have been filed or recorded in a registry?
f yes, describe:	5-10 year floodplain hand use restrictions
Do you know of s	specific chemicals that are present or once were present at the property?
If yes, describe:	Gas stations nearby, mechanic snops,
If yes, describe:	
Yes	any environmental clean ups that have taken place at the property?
If yes, describe:	
to the likely pres	nowledge and experience related to the property, are there any indicators that property? No
If yes, describe:	Tost from the Well Water quality testing results including hexavalent chromium
D.	ara Zimmerman - IHS Arcata project

BROWNFIELDS- ESA PHASE I FIELD INSPECTION CHECK LIST

Date of Survey: 9.25.2019 Inspected By: Christine Cosby

Property: 140 - 060 - 020 KCSD

INSTRUCTIONS: Check each category.

Briefly describe if 'On site' or 'Nearby' Applicate Describe the distance if nearby is checked.		On Site	Near By	None	Un- knowr
Outdoor property areas:	Construction waste			•	
 Debris / dumping 	Drums / containers			-	
	Hazardous waste			•	
	Household waste				
	Industrial waste			•	
General Conditions	Abandoned vehicles				
Electric transmission pole with	Electric transmission pole / pad		•		
double transformer opposite the	Fills: possible cover for dumps			•	Fig. 1
Electric transmission pole with louble transformer opposite the -ower on the subject property - cross Chapman Rd	Machinery repair areas			•	
Mars electrical equipment is attented	Major electrical equipment	•			
Major electrical equipment is attached to a wooden panel on the tower approx 8ft off ground	Pipelines			-	
sprox 8ft off ground	Unusual chemical odors			•	
PCB containing equipment	Electrical transformers		•		
Double transformer across Chapman Ro	Hydraulic equipment /lifts				
 Pits, ponds, or lagoons 	Oil seeps				
	Oil slicks, colors on water				
	Stained ground, stream banks				V
	"Sterile or Dead" water bodies				
 Stained soil or pavement 	Oily			•	
	Fire darkened			-	
	Chemical bleaching			-	
 Septic Systems 	Unusual chemical odors				
	Solid Waste visible			•	
	Sewage smell present			-	
no visuble perticide . Storage Tanks	UST				
hurbicide but unknown if	AST				
the grass is treated - It loves	Water				
recently mowed	Pesticides				-
 Vegetation 	None/ Bare ground				
Very green	Stressed coloration				
J. com	Deformities			•	
 Water systems/ Wells 					
Buildings:	Asbestos materials /shingles				
	Lead based paint			0	
	Machinery repair areas			0	
nterior:	Lead based paint			0	
	Chemical / Solvents storage				
	Equipment repair areas				
	Asbestos sprayed fire proofing			0	
	Acoustical Plaster			-	
	Heating fuel oil			4	
	Controlled Substances			•	
	Staining/ Corrosion on surfaces				

Well Owner: Kla	MATH COMM 50K D157 Phone No: 1420MAN 57, KIAMATH, A 95548 1 Reynolds Date: 8-22-18 - 8-24-18 Left 4 Contract No:
Location: 65	ha oman ST. Klamath of 95548
Drilled By: _ K/1 1	1 Rey No. 195 Date: 8-22-18 - 8-24-18
Project No:	Contract No:
Depth (in feet):	Description of Formation (Specify Water Bearing Aquifers)
0 to 15	- Sand and SIIT
15 to 25	- 12438 349 ve/
25 to 55	
55 to 100 to	1913e Obb 129 3919 31900
to	
to	from 80-100 bore holp was BACK filled with sand and ben tonite chips
to	filled with sand and hen towite chas
-	The state of the s
	SIZES AND MATERIALS USED
All Depths Measur	red from Top of Well Casing
Top Casing Line:	Nominal I.D. 13" Material PUC Sch 40 Depth Cased 0 Ft. To 58 Ft. Wt/Ft. Lbs.
	Depth Cased O Ft. To 58 Ft. Wt/Ft. Lbs.
Any Reduced Casi	ng Sizes: NO
Grout Envelope:	Inickness 7 In.
Ditlaca Adamtan	Depth Grouted Ft. To Ft.
Pitless Adapter:	MakeModel
Well Screen:	Depth of Discharge Ft. Cap Type:
Well Sciech.	Make Mill 5/37 Material DUC
	Type PUC Sch40 flugh Thrpay
	,
	Diameter 12" Ft. Length 10 Ft. Slot 120 ln.
	Depth Screened 58 Ft. To 68 Ft. Slot 120 In.
	Ft. ToFt. SlotIn.
	Spacer(s)
	Estation of the 6110 and 6
	Fitting at 10p 111P CAP
	Fitting at Top SIP CAP Fitting at Bottom Threaded Bottom CAD Packer Description
	Packer Description
Gravel or	Material 5 mail 3 (1 vp) Thickness: 4 In. Depth: 52 Ft. To: 72 Ft.
Sand Pack:	Thickness: 4 In. Depth: 53 Ft. To: 79 Ft.

Yurok Tribe Individual and Community Wells - California Area Indian Health Service CA Projects: 15-N02/15-Y0712-M76/16-T54/16-D07/15-B98

December 2017

Attach Graduation Curve

Total Depth to Bottom of Well 70 Ft.	(FROM TOP OF CASING)
Total Depth to Bottom of Casing 68 Ft.	,
Total Depth to Bottom of Drop PipeFt.	
Total Depth to Pump InletFt.	



THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine 17461 Derian Ave Suite 100

Irvine, CA 92614-5817 Tel: (949)261-1022

TestAmerica Job ID: 440-221856-1 Client Project/Site: Yurok Indian Tribe

For:

ABC Liovin Drilling, Inc 1180 East Burnett Street Signal Hill, California 90755

Attn: Ivan Liovin

Authorized for release by: 11/27/2018 1:00:51 PM

Rossina Tomova, Project Manager I (949)261-1022

rossina.tomova@testamericainc.com

LINKS

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Have a Question?



Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

TestAmerica Job ID: 440-221856-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-221856-1	Well #4	Water	10/09/18 10:00	10/10/18 09:30

3

Δ

5

6

8

9

11

12

14

16

Case Narrative

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Job ID: 440-221856-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-221856-1

Comments

In addition to all methods listed on the COC the sample was also analyzed for Tritium, Strontium, Conductivity, Perchlorate and Aggressive Index.

No additional comments.

Receipt

The samples were received on 10/10/2018 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1° C and 2.7° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA

Method(s) 548.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 680-543221 and analytical batch 680-543200 recovered outside control limits for the following analytes: Endothall.

Method(s) 548.1: Amount recovered was below the reporting limit, so it was reported as 0%. The actual percent recovery was 19.79% which is within limits.(500-152940-I-1-A MSD)

Method(s) 548.1: The sample duplicate (DUP) precision for preparation batch 680-543221 and analytical batch 680-543200 was outside control limits. Sample matrix interference is suspected.

Method(s) 548.1: The matrix spike duplicate (MSD) recovery for the following sample associated with preparation batch 680-543221 and analytical batch 680-543200 was outside control limits: (500-152940-I-1-A MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC

Method(s) 549.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 680-543364 and analytical batch 680-543770 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 515.1: Surrogate recovery for the following samples were outside control limits: (680-159093-J-6-C), (680-159093-I-6-A MS) and (680-159093-L-6-B MSD). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Dioxin

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

RAD

Method(s) PrecSep-21: Radium 226 Prep Batch 160-394895: Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: Well #4 (440-221856-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method(s) PrecSep_0: Radium 228 Prep Batch 160-394900: Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: Well #4 (440-221856-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD)

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Case Narrative

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Job ID: 440-221856-1 (Continued)

Laboratory: TestAmerica Irvine (Continued)

were prepared instead to demonstrate batch precision.

Method(s) 900.0: Gross Alpha/Beta Prep Batch 160-396631:The gross alpha and beta detection goals were not met for the following samples due to a reduction of the sample size attributed to high residual mass: (240-101318-A-2-C) and (240-101318-A-2-D DU). Analytical results are reported with the detection limit achieved.

Method(s) PrecSep-7: Strontium 90 Prep Batch 160-399937: Insufficient sample volume was available to perform a sample duplicate (DUP) associated with Well #4 (440-221856-1). A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision. Sample 440-221856-1 was reduced to due limited sample volume.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 200.8: The method blank for preparation batch 440-504339 and analytical batch 440-504550 contained Zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 200.8: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 440-504339 and analytical batch 440-504550 were outside control limits for Aluminum, Copper and Zinc. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method(s) SM 5540C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 440-504221 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) SM 2330B: The laboratory data was used to calculate SM2330 instead of field data. Well #4 (440-221856-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Biology

Method(s) SimPlate: The following sample was received outside of holding time: Well #4 (440-221856-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Subcontract non-Sister

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Dioxin Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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1 A

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Client Sample ID: Well #4

TestAmerica Job ID: 440-221856-1

Lab Sample ID: 440-221856-1

Matrix: Water

Date Collected: 10/09/18 10:00 Date Received: 10/10/18 09:30

Method: 524.2 - Volatile Or Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,1,2-Trichloroethane	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,1-Dichloroethene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,2-Dichlorobenzene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,2-Dichloroethane	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,2-Dichloropropane	ND		0.50	0.20	ug/L			10/17/18 06:22	1
1,4-Dichlorobenzene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Benzene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/18 06:22	1
Bromoform	ND		1.0	0.20	ug/L			10/17/18 06:22	1
Carbon tetrachloride	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Chlorobenzene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Chloroform	1.4		1.0	0.50	ug/L			10/17/18 06:22	1
cis-1,2-Dichloroethene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/18 06:22	1
Ethylbenzene	ND		0.50		ug/L			10/17/18 06:22	1
m,p-Xylene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Methylene Chloride	ND		0.50	0.40	ug/L			10/17/18 06:22	1
o-Xylene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Styrene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Tetrachloroethene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Toluene	2.1		0.50	0.20	ug/L			10/17/18 06:22	1
trans-1,2-Dichloroethene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Trichloroethene	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Trihalomethanes, Total	1.4		1.0	1.0	ug/L			10/17/18 06:22	1
Vinyl chloride	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Xylenes, Total	ND		0.50	0.20	ug/L			10/17/18 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	95		70 - 130					10/17/18 06:22	1
4-Bromofluorobenzene (Surr)	94		70 - 130					10/17/18 06:22	1
Method: 548.1 - Endothall	(GC/MS)								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endothall	ND	*		6.3	ug/L		10/13/18 07:31	10/14/18 16:56	1

Method: 504.1 - EDB, DBCP ar	nd 1,2,3-TCP (GC)							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND	0.017	0.0024	ug/L		10/12/18 11:52	10/12/18 15:55	1
1,2-Dibromo-3-Chloropropane	ND	0.017	0.0023	ug/L		10/12/18 11:52	10/12/18 15:55	1

Method: 515.1 - Herbicides ((GC) Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	0.48	0.035		<u>-</u>		10/18/18 00:43	1
Dalapon	ND	4.8	0.95	ug/L		10/16/18 10:15	10/18/18 00:43	1
Dinoseb	ND	0.95	0.14	ug/L		10/16/18 10:15	10/18/18 00:43	1
Pentachlorophenol	ND	0.19	0.036	ug/L		10/16/18 10:15	10/18/18 00:43	1
Picloram	ND	0.48	0.073	ug/L		10/16/18 10:15	10/18/18 00:43	1
Silvex (2,4,5-TP)	ND	0.24	0.057	ug/L		10/16/18 10:15	10/18/18 00:43	1

TestAmerica Irvine

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Lab Sample ID: 440-221856-1

Matrix: Water

Client Sample ID: Well #4
Date Collected: 10/09/18 10:00
Date Received: 10/10/18 09:30

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
2,4-Dichlorophenylacetic acid	72		70 - 130				10/16/18 10:15	10/18/18 00:43	
Mathadi EE2 2 Halaasatia	Asida (UAAa)	(CC)							
Method: 552.2 - Haloacetic Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Monochloroacetic acid	ND		1.0	0.40		_ =	10/16/18 06:30	10/17/18 03:02	
Monobromoacetic acid	ND		1.0		ug/L		10/16/18 06:30	10/17/18 03:02	
Dichloroacetic acid	ND		1.0		ug/L		10/16/18 06:30	10/17/18 03:02	
Dibromoacetic acid	ND		1.0		ug/L		10/16/18 06:30	10/17/18 03:02	
Trichloroacetic acid	0.42	Jp	1.0		ug/L			10/17/18 03:02	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
2,3-Dibromopropionic acid	81		70 - 130				10/16/18 06:30	10/17/18 03:02	
Method: 300.0 - Anions, Ior	n Chromatogra	phy							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Chloride			0.50	0.25	mg/L			10/10/18 15:09	
Nitrate as N	0.85		0.11	0.055	mg/L			10/10/18 15:09	
Nitrite as N	0.095	J	0.15	0.025	mg/L			10/10/18 15:09	
Sulfate	4.1		0.50	0.25	mg/L			10/10/18 15:09	
Method: 300.1B - Disinfecti	ion By-Produc	ts, (IC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Bromate	ND		5.0	1.0	ug/L			10/11/18 22:33	-
Chlorite	ND		20	4.0	ug/L			10/11/18 22:33	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
Dichloroacetic acid(Surr)	99		90 - 115					10/11/18 22:33	
Dichloroacetic acid(Surr)	99		90 - 115					10/11/18 22:33	
Method: 314.0 LL - Perchlo	rate (IC)								
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil F
Perchlorate	ND		1.0	0.50	ug/L			11/06/18 10:54	
Method: 549.2 - Diquat and	Paraquat (HP	LC)							
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil F
Diquat	ND		2.0	0.40	ug/L		10/15/18 07:49	10/18/18 21:06	
Method: 1613B - Tetra Chic	orinated Dioxin	(HRGC/F	IRMS)						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil F
2,3,7,8-TCDD	ND		4.8	0.73	pg/L		10/16/18 15:56	10/18/18 04:01	
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
13C-2,3,7,8-TCDD	71		31 - 137				10/16/18 15:56	10/18/18 04:01	
Method: 200.7 Rev 4.4 - Me	tals (ICP) - Tot	al Recove	rable						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Calcium	8.2		0.10	0.050	mg/L		10/11/18 09:16	10/12/18 13:11	
Iron	0.31		0.10	0.050	mg/L		10/11/18 09:16	10/12/18 13:11	
Magnesium	6.1		0.020	0.010	-		10/11/18 09:16	10/12/18 13:11	
SiO2, Silica	20		0.43		mg/L		10/11/18 09:16	10/12/18 23:37	
Sodium	10		0.50		mg/L		10/11/18 09:16	10/12/18 23:37	
Potassium	0.77		0.50		mg/L			10/12/18 23:37	

TestAmerica Irvine

10/11/18 09:16 10/12/18 23:37

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0.050

0.025 mg/L

ND

Boron

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Specific Conductance

Chlorine, Total Residual

Chloramines, Total

pН

TestAmerica Job ID: 440-221856-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum	410		10	5.0	ug/L	_	10/11/18 09:30	10/11/18 22:25	
Antimony	ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Arsenic	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Barium	8.0		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Beryllium	ND		0.50	0.25	ug/L		10/11/18 09:30	10/11/18 22:25	
Cadmium	ND		1.0	0.25	ug/L		10/11/18 09:30	10/11/18 22:25	
Chromium	1.1	J	2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Copper	1.2	J	2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Lead	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Manganese	15		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Selenium	ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Silver	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Thallium	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Uranium	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Zinc	3200	В	20	2.5	ug/L		10/11/18 09:30	10/11/18 22:25	
Nickel	2.5		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:25	
Vanadium	ND		2.0	1.0	ug/L		10/11/18 09:30	10/11/18 22:25	
Method: 245.1 - Mercury (CVA	4)								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Mercury	ND		0.00020	0.00010	mg/L		10/11/18 12:09	10/12/18 15:16	
Analyte Hardness as CaCO3		Qualifier	RL 0.33	MDL 0.17		D	Prepared	Analyzed 10/17/18 13:42	Dil F
Hardness, as CaCO3	46		0.33	0.17	mg/L	_		10/17/18 13:42	
Calcium hardness as calcium carbonate	21		0.25	0.12	mg/L			10/17/18 13:42	
General Chemistry	Decult	Ovalifian	NONE	NONE	l lmi4	_	Duamawad	Amalumad	D:I E
Analyte		Qualifier	NONE	NONE	SU	_ D	Prepared	Analyzed 11/06/18 14:19	Dil F
Aggressive Index	10							10/23/18 12:13	
Langelier Index								10/23/10 12.13	
_	-1.3				LangSU				
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil F
Analyte Turbidity	Result 2.3	Qualifier	0.10	0.040	Unit NTU	D	Prepared	Analyzed 10/10/18 20:47	Dil F
Analyte Turbidity Total Dissolved Solids	2.3 100	Qualifier	0.10	0.040 5.0	Unit NTU mg/L	_ D		Analyzed 10/10/18 20:47 10/12/18 08:00	Dil F
Analyte Turbidity Total Dissolved Solids Cyanide, Total	2.3 100 ND	<u> </u>	0.10 10 0.025	0.040 5.0 0.013	Unit NTU mg/L mg/L	_ <u>D</u>		Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00	Dil F
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride	2.3 100 ND 0.091	<u> </u>	0.10 10 0.025 0.10	0.040 5.0 0.013 0.050	Unit NTU mg/L mg/L mg/L	_ <u>D</u>		Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00 10/12/18 10:00	Dil F
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride	2.3 100 ND	<u> </u>	0.10 10 0.025	0.040 5.0 0.013	Unit NTU mg/L mg/L mg/L	_ <u>D</u>		Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00	Dil F
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte	Result 2.3 100 ND 0.091 ND Result	<u> </u>	0.10 10 0.025 0.10 0.10 RL	0.040 5.0 0.013 0.050 0.050 RL	Unit NTU mg/L mg/L mg/L mg/L Unit	D D		Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00 10/12/18 10:00 10/10/18 18:45 Analyzed	
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis	Result 2.3 100 ND 0.091 ND Result 6.8	. J	0.10 10 0.025 0.10 0.10 RL 0.10	0.040 5.0 0.013 0.050 0.050 RL 0.10	Unit NTU mg/L mg/L mg/L mg/L tmg/L SU	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22	
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis Color, Apparent	Result 2.3 100 ND 0.091 ND Result 6.8 ND	. J	0.10 10 0.025 0.10 0.10 RL 0.10	0.040 5.0 0.013 0.050 0.050 RL 0.10	Unit NTU mg/L mg/L mg/L mg/L mg/L SU Color Units	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22 10/10/18 15:22	
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis Color, Apparent Odor	Result 2.3 100 ND 0.091 ND Result 6.8 ND ND	. J	0.10 10 0.025 0.10 0.10 RL 0.10 1.0	0.040 5.0 0.013 0.050 0.050 RL 0.10 1.0	Unit NTU mg/L mg/L mg/L mg/L tmg/L Color Units T.O.N.	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22 10/10/18 15:22 10/17/18 14:09	
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis Color, Apparent Odor Alkalinity as CaCO3	Result 2.3 100 ND 0.091 ND Result 6.8 ND ND	. J	0.10 10 0.025 0.10 0.10 RL 0.10 1.0 4.0	0.040 5.0 0.013 0.050 0.050 RL 0.10 1.0 4.0	Unit NTU mg/L mg/L mg/L mg/L tonit SU Color Units T.O.N. mg/L	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 10:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22 10/10/18 14:09 10/13/18 05:19	
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis Color, Apparent Odor Alkalinity as CaCO3 Bicarbonate Alkalinity as CaCO3	Result 2.3 100 ND 0.091 ND Result 6.8 ND ND 57	. J	0.10 10 0.025 0.10 0.10 RL 0.10 1.0 4.0	0.040 5.0 0.013 0.050 0.050 RL 0.10 1.0 4.0	Unit NTU mg/L mg/L mg/L mg/L Unit SU Color Units T.O.N. mg/L mg/L	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 10:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22 10/10/18 15:22 10/17/18 14:09 10/13/18 05:19	Dil F
Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis Color, Apparent Odor Alkalinity as CaCO3 Bicarbonate Alkalinity as CaCO3 Carbonate Alkalinity as CaCO3	Result 2.3 100 ND 0.091 ND Result 6.8 ND ND 57 57	. J	0.10 10 0.025 0.10 0.10 RL 0.10 1.0 4.0 4.0	0.040 5.0 0.013 0.050 0.050 RL 0.10 1.0 4.0 4.0	Unit NTU mg/L mg/L mg/L mg/L Unit SU Color Units T.O.N. mg/L mg/L mg/L mg/L	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 22:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22 10/10/18 15:22 10/17/18 14:09 10/13/18 05:19 10/13/18 05:19	
Analyte Turbidity Total Dissolved Solids Cyanide, Total Fluoride Methylene Blue Active Substances Analyte pH at time of analysis Color, Apparent Odor Alkalinity as CaCO3 Bicarbonate Alkalinity as CaCO3	Result 2.3 100 ND 0.091 ND Result 6.8 ND ND 57	. J	0.10 10 0.025 0.10 0.10 RL 0.10 1.0 4.0	0.040 5.0 0.013 0.050 0.050 RL 0.10 1.0 4.0 4.0	Unit NTU mg/L mg/L mg/L mg/L Unit SU Color Units T.O.N. mg/L mg/L	- -	10/12/18 20:07	Analyzed 10/10/18 20:47 10/12/18 08:00 10/12/18 10:00 10/12/18 10:00 10/10/18 18:45 Analyzed 10/10/18 15:22 10/10/18 15:22 10/17/18 14:09 10/13/18 05:19	

TestAmerica Irvine

11/06/18 10:02

10/23/18 11:00

10/23/18 11:00

10/14/18 13:37

1.0

0.10

0.10

0.1

1.0 umhos/cm

0.10 mg/L

0.10 mg/L

0.1 SU

150

ND HF

ND HF

7.3 HF

2

4

6

8

10

40

13

14

16

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Client Sample ID: Well #4

Date Collected: 10/09/18 10:00

Date Received: 10/10/18 09:30

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

TestAmerica Job ID: 440-221856-1

10-221856-1 Matrix: Water

Lab Sample ID: 440-221856-1

5

0

9

11

13

15

			Count	Total							
			Uncert.	Uncert.							
Analyte		Qualifier	(2σ+/-)	(2σ+/-)	RL		Unit		Prepared	Analyzed	Dil Fa
Gross Alpha	0.343	U	0.737	0.738	3.00	1.31	pCi/L		10/22/18 12:21	10/26/18 10:00	
Gross Beta	1.27		0.672	0.684	4.00	1.00	pCi/L		10/22/18 12:21	10/26/18 10:00	
Method: 903.0 - I	Radium-226	(GFPC)									
			Count	Total							
			Uncert.	Uncert.							
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit		Prepared	Analyzed	Dil Fa
Radium-226	0.260		0.101	0.104	1.00	0.0989	pCi/L		10/12/18 13:48	11/05/18 14:02	
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fa
Ba Carrier	100		40 - 110						10/12/18 13:48	11/05/18 14:02	
Method: 904.0 - I	Radium-228	(GFPC)									
		` '	Count	Total							
			Uncert.	Uncert.							
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit		Prepared	Analyzed	Dil Fa
Radium-228	0.161	U	0.200	0.201	1.00	0.332	pCi/L		10/12/18 14:07	10/25/18 17:11	
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fa
Ba Carrier	100		40 - 110						10/12/18 14:07	10/25/18 17:11	-
Y Carrier	87.1		40 - 110						10/12/18 14:07	10/25/18 17:11	
Method: 905 - St	rontium-90 (GEPC)									
method: 000 - 0t	rondani-oo (3 113)	Count	Total							
			Uncert.	Uncert.							
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit		Prepared	Analyzed	Dil Fa
Strontium-90	0.408	Ū —	0.292	0.294	3.00	0.460	pCi/L		11/07/18 14:34	11/20/18 11:03	
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fa
Sr Carrier	80.2	·	40 - 110						11/07/18 14:34	11/20/18 11:03	-
Y Carrier	96.1		40 - 110						11/07/18 14:34	11/20/18 11:03	
Method: 906.0 - 1	Tritium. Tota	I (LSC)									
	, , ,	• •	Count	Total							
			Uncert.	Uncert.							
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit		Prepared	Analyzed	Dil Fa
Tritium	-37.4	U -	158	158	500	292	pCi/L		11/13/18 13:32	11/13/18 23:20	-
Method: SimPlat	e - Heterotro										
Analyte			It Qualifier	R		RL Uni		D	Prepared	Analyzed	Dil Fa
Heterotrophic Plate	Count	74	0 H	2.	.0	2.0 MP	N/mL	_		10/10/18 16:29	
Method: SM 9223	3 - Coliforms		•					ь	Droporod	Analyzad	Dil E-
Analyte			It Qualifier	NON		NONE Uni		. <u>D</u>	Prepared	Analyzed	Dil Fa
Escherichia coli		Abser				NO				10/10/18 14:06	
Coliform, Total		Preser	π			NO	NE			10/10/18 14:06	

Method Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

TestAmerica Job ID: 440-221856-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL IRV
48.1	Endothall (GC/MS)	EPA-DW	TAL SAV
04.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW	TAL SAV
15.1	Herbicides (GC)	EPA-01	TAL SAV
52.2	Haloacetic Acids (HAAs) (GC)	EPA	TAL SAV
0.0	Anions, Ion Chromatography	MCAWW	TAL IRV
0.1B	Disinfection By-Products, (IC)	EPA	TAL IRV
4.0 LL	Perchlorate (IC)	EPA	TAL IRV
9.2	Diquat and Paraquat (HPLC)	EPA	TAL SAV
13B	Tetra Chlorinated Dioxin (HRGC/HRMS)	EPA	TAL SAC
0.7 Rev 4.4	Metals (ICP)	EPA	TAL IRV
0.8	Metals (ICP/MS)	EPA	TAL IRV
5.1	Mercury (CVAA)	EPA	TAL IRV
/I 2340B	Total Hardness (as CaCO3) by calculation	SM	TAL IRV
ressive Index	Aggressive Index	EPA	TAL IRV
л 2120B	Color, Colorimetric	SM	TAL IRV
/ 2130B	Turbidity	SM	TAL IRV
/ 2150B	Odor	SM	TAL IRV
/ 2320B	Alkalinity	SM	TAL IRV
1 2330B	Corrosivity, LSI Calculation	SM	TAL IRV
1 2510B	Conductivity, Specific Conductance	SM	TAL IRV
1 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV
1 4500 CI G	Chlorine, Residual	SM	TAL IRV
4500 CN E	Cyanide, Total	SM	TAL IRV
4500 F C	Fluoride	SM	TAL IRV
л 4500 Г О Л 4500 Н+ В	pH	SM	TAL IRV
л 4 500 ГГ В Л 5540С	Methylene Blue Active Substances (MBAS)	SM	TAL IRV
0.0	Gross Alpha and Gross Beta Radioactivity	EPA	TAL SL
3.0	Radium-226 (GFPC)	EPA	TAL SL
4.0	Radium-228 (GFPC)	EPA	TAL SL
4.0 5	Strontium-90 (GFPC)	EPA	TAL SL
6.0	,	EPA	TAL SL
	Tritium, Total (LSC)		
mPlate	Heterotrophic Plate Count (HPC) Coliforms, Total, and E.Coli (Colilert - Presence/Absence)	IDEXX	TAL IRV
/I 9223	,	SM	
bcontract	Asbestos in DW	None	LA Testing
ıbcontract	EPA 508 - Pesticides & PCBs	None	Weck Lab
bcontract	EPA 525.2 - Semivolatile Organic Compounds	None	Weck Lab
bcontract	EPA 531.1 - Carbamates	None	Weck Lab
bcontract	EPA 547 - Glyphosate	None	Weck Lab
0.2	Preparation, Total Recoverable Metals	EPA	TAL IRV
5.1	Preparation, Mercury	EPA	TAL IRV
4.1 :	Microextraction	EPA-DW	TAL SAV
5.1	Extraction of Chlorinated Acids	EPA-DW	TAL SAV
8.1	Extraction of Endothall	EPA-DW	TAL SAV
9.2	Extraction of Diquat and Paraquat	EPA	TAL SAV
2.2	Microextraction	EPA	TAL SAV
still/CN	Distillation, Cyanide	None	TAL IRV
aporation	Preparation, Evaporation	None	TAL SL
RMS-Sep	Separatory Funnel (Liquid-Liquid) Extraction	EPA	TAL SAC
C_Dist_Susp	Distillation and Suspension (LSC)	None	TAL SL
ecSep_0	Preparation, Precipitate Separation	None	TAL SL
ecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	TAL SL
ecSep-7	Preparation, Precipitate Separation (7-Day In-Growth)	None	TAL SL

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Method Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Laboratory

Protocol

Protocol References:

Method

EPA = US Environmental Protection Agency

Method Description

EPA-01 = "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992. EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements. IDEXX = IDEXX Laboratories

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

LA Testing = LA Testing, 520 Mission Street, South Pasadena, CA 91030

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Weck Lab = Weck Laboratories, Inc., 14859 East Clark Avenue, City of Industry, CA 917451396

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Lab Chronicle

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Lab Sample ID: 440-221856-1

Matrix: Water

Client Sample ID: Well #4
Date Collected: 10/09/18 10:00
Date Received: 10/10/18 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	25 mL	25 mL	505574	10/17/18 06:22		TAL IRV
Total/NA	Prep	548.1			100 mL	1 mL	543221	10/13/18 07:31	KKC	TAL SAV
Total/NA	Analysis	548.1		1			543200	10/14/18 16:56	KNW	TAL SA
Total/NA Total/NA	Prep Analysis	504.1 504.1		1	37.1 mL	2 mL	543120 543132	10/12/18 11:52 10/12/18 15:55		TAL SA\
	•			'	1052.6 mL	10 mL				
Total/NA Total/NA	Prep Analysis	515.1 515.1		1	1052.6 IIIL	10 IIIL	543399 543801	10/16/18 10:15 10/18/18 00:43		TAL SA\
Total/NA	Prep	552.2			40 mL	4 mL	543506	10/16/18 06:30	MAV	TAL SAV
Total/NA	Analysis	552.2		1			543648	10/17/18 03:02		TAL SAV
Total/NA	Analysis	300.0		1			504025	10/10/18 15:09	NTN	TAL IRV
Total/NA	Analysis	300.0		1			504026	10/10/18 15:09	NTN	TAL IRV
Total/NA	Analysis	300.1B		1			504255	10/11/18 22:33	YZ	TAL IRV
Total/NA	Analysis	300.1B		1			504264	10/11/18 22:33	YZ	TAL IRV
Total/NA	Analysis	314.0 LL		1			509452	11/06/18 10:54	CTH	TAL IRV
Total/NA	Prep	549.2			250 mL	10 mL	543364	10/15/18 07:49	MAV	TAL SAV
Total/NA	Analysis	549.2		1	1 mL	1 mL	543770	10/18/18 21:06	CJM	TAL SAV
Total/NA Total/NA	Prep Analysis	HRMS-Sep 1613B		1	1048.2 mL	10 uL	252729 253013	10/16/18 15:56 10/18/18 04:01		TAL SAC
Total Recoverable	Prep	200.2			25 mL	25 mL	504328	10/11/18 09:16		TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		1			504722	10/12/18 13:11		TAL IRV
Total Recoverable Total Recoverable	Prep Analysis	200.2 200.7 Rev 4.4		1	25 mL	25 mL	504328 504872	10/11/18 09:16 10/12/18 23:37		TAL IRV
Total Recoverable Total Recoverable	Prep Analysis	200.2 200.8		1	25 mL	25 mL	504339 504550	10/11/18 09:30 10/11/18 22:25		TAL IRV
Total/NA	Prep	245.1			20 mL	20 mL	504373	10/11/18 12:09	DB	TAL IRV
Total/NA	Analysis	245.1		1			504791	10/12/18 15:16	DB	TAL IRV
Total Recoverable	Analysis	SM 2340B		1			504551	10/17/18 13:42	P1R	TAL IRV
Total/NA	Analysis	Agressive Index		1			509574	11/06/18 14:19	TLN	TAL IRV
Total/NA	Analysis	SM 2120B		1	50 mL	50 mL	504165	10/10/18 15:22	CMM	TAL IRV
Total/NA	Analysis	SM 2130B		1			504231	10/10/18 20:47	CMM	TAL IRV
Total/NA	Analysis	SM 2150B		1	100 mL	100 mL	505785	10/17/18 14:09	CMM	TAL IRV
Total/NA	Analysis	SM 2320B		1			504984	10/13/18 05:19	YZ	TAL IRV
Total/NA	Analysis	SM 2330B		1			506957	10/23/18 12:13	TLN	TAL IRV
Total/NA	Analysis	SM 2510B		1			509506	11/06/18 10:02	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	504581	10/12/18 08:00	XL	TAL IRV
Total/NA	Analysis	SM 4500 CI G		1	10 mL	10 mL	506936	10/23/18 11:00	MMP	TAL IRV
Total/NA	Prep	Distill/CN			50 mL	50 mL	504799	10/12/18 20:07		TAL IRV
Total/NA	Analysis	SM 4500 CN E		1			504894	10/12/18 22:00	KMY	TAL IRV
Total/NA	Analysis	SM 4500 F C		1			504681	10/12/18 10:00	MN	TAL IRV
Total/NA	Analysis	SM 4500 H+ B		1			505025	10/14/18 13:37	CMM	TAL IRV
Total/NA	Analysis	SM 5540C		1	100 mL	100 mL	504221	10/10/18 18:45	KMY	TAL IRV

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Lab Chronicle

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Client Sample ID: Well #4

TestAmerica Job ID: 440-221856-1

Lab Sample ID: 440-221856-1

Matrix: Water

Date Collected: 10/09/18 10:00 Date Received: 10/10/18 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			200 mL	1.0 g	396631	10/22/18 12:21	MRB	TAL SL
Total/NA	Analysis	900.0		1			397465	10/26/18 10:00	RTM	TAL SL
Total/NA	Prep	PrecSep-21			1000.11 mL	1.0 g	394895	10/12/18 13:48	JLC	TAL SL
Total/NA	Analysis	903.0		1			399232	11/05/18 14:02	CDR	TAL SL
Total/NA	Prep	PrecSep_0			1000.11 mL	1.0 g	394900	10/12/18 14:07	JLC	TAL SL
Total/NA	Analysis	904.0		1			397304	10/25/18 17:11	CDR	TAL SL
Total/NA	Prep	PrecSep-7			750.10 mL	1.0 g	399937	11/07/18 14:34	CLP	TAL SL
Total/NA	Analysis	905		1			401873	11/20/18 11:03	CDR	TAL SL
Total/NA	Prep	LSC_Dist_Susp			100.3 mL	1.0 g	400768	11/13/18 13:32	JDL	TAL SL
Total/NA	Analysis	906.0		1			401006	11/13/18 23:20	RTM	TAL SL
Total/NA	Analysis	SimPlate		1			505254	10/10/18 16:29	CMM	TAL IRV
Total/NA	Analysis	SM 9223		1	100 mL	100 mL	505332	10/10/18 14:06	CMM	TAL IRV

Laboratory References:

LA Testing = LA Testing, 520 Mission Street, South Pasadena, CA 91030

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Weck Lab = Weck Laboratories, Inc., 14859 East Clark Avenue, City of Industry, CA 917451396

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-505574/6 **Client Sample ID: Method Blank Matrix: Water** Prep Type: Total/NA Analysis Batch: 505574

1,1,1-Trichloroethane	,,	МВ	MB							
1,1,2-Trichloroethane ND 0.50 0.20 ug/L 10/16/18 21:45 1,1-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Frichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloroethane ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloroptopane ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 0.50 0.20 ug/L	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2.4-Trichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloropthane ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloroptopane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichloroptopane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichloroptopane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichloroptopane ND 0.50 0.20 ug/L 10/16/18 21:45 Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bermodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 0.50 0.20 ug/L 10/16/18 21:	1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			10/16/18 21:45	1
1,2,4-Trichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloropropane ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloropropane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 0.20 ug/L 10/16/18 21:45 Cis-1,2-Dichloroethene ND 0.50 0.20 ug/L	1,1,2-Trichloroethane	ND		0.50	0.20	ug/L			10/16/18 21:45	1
1,2-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloroethane ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloropropane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 0.50 0.20 ug/L 10/16/18 21	1,1-Dichloroethene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
1,2-Dichloroethane ND 0.50 0.20 ug/L 10/16/18 21:45 1,2-Dichloropropane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 0.20 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 u	1,2,4-Trichlorobenzene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
1,2-Dichloropropane ND 0.50 0.20 ug/L 10/16/18 21:45 1,4-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 Cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 O-Xylene ND <td>1,2-Dichlorobenzene</td> <td>ND</td> <td></td> <td>0.50</td> <td>0.20</td> <td>ug/L</td> <td></td> <td></td> <td>10/16/18 21:45</td> <td>1</td>	1,2-Dichlorobenzene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
1,4-Dichlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45	1,2-Dichloroethane	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Benzene ND 0.50 0.20 ug/L 10/16/18 21:45 Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 Chloroform ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 O-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50	1,2-Dichloropropane	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Bromodichloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 Cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND	1,4-Dichlorobenzene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Bromoform ND 1.0 0.20 ug/L 10/16/18 21:45 Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50	Benzene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Carbon tetrachloride ND 0.50 0.20 ug/L 10/16/18 21:45 Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 O-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45	Bromodichloromethane	ND		1.0	0.20	ug/L			10/16/18 21:45	1
Chlorobenzene ND 0.50 0.20 ug/L 10/16/18 21:45 Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 0.50 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45	Bromoform	ND		1.0	0.20	ug/L			10/16/18 21:45	1
Chloroform ND 1.0 0.50 ug/L 10/16/18 21:45 cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45	Carbon tetrachloride	ND		0.50	0.20	ug/L			10/16/18 21:45	1
cis-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Dibromochloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 0.50 0.20 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45 <td>Chlorobenzene</td> <td>ND</td> <td></td> <td>0.50</td> <td>0.20</td> <td>ug/L</td> <td></td> <td></td> <td>10/16/18 21:45</td> <td>1</td>	Chlorobenzene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Dibromochloromethane ND 1.0 0.20 ug/L 10/16/18 21:45 Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Chloroform	ND		1.0	0.50	ug/L			10/16/18 21:45	1
Ethylbenzene ND 0.50 0.20 ug/L 10/16/18 21:45 m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	cis-1,2-Dichloroethene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
m,p-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Dibromochloromethane	ND		1.0	0.20	ug/L			10/16/18 21:45	1
Methylene Chloride ND 0.50 0.40 ug/L 10/16/18 21:45 o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Ethylbenzene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
o-Xylene ND 0.50 0.20 ug/L 10/16/18 21:45 Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	m,p-Xylene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Styrene ND 0.50 0.20 ug/L 10/16/18 21:45 Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Methylene Chloride	ND		0.50	0.40	ug/L			10/16/18 21:45	1
Tetrachloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	o-Xylene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Toluene ND 0.50 0.20 ug/L 10/16/18 21:45 trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Styrene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
trans-1,2-Dichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Tetrachloroethene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Trichloroethene ND 0.50 0.20 ug/L 10/16/18 21:45 Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Toluene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Trihalomethanes, Total ND 1.0 1.0 ug/L 10/16/18 21:45 Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	trans-1,2-Dichloroethene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Vinyl chloride ND 0.50 0.20 ug/L 10/16/18 21:45	Trichloroethene	ND		0.50	0.20	ug/L			10/16/18 21:45	1
	Trihalomethanes, Total	ND		1.0	1.0	ug/L			10/16/18 21:45	1
	Vinyl chloride	ND		0.50	0.20	ug/L			10/16/18 21:45	1
Xylenes, Total ND 0.50 0.20 ug/L 10/16/18 21:45	Xylenes, Total	ND		0.50	0.20	ug/L			10/16/18 21:45	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepare	ed Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	96		70 - 130		10/16/18 21:45	1
4-Bromofluorobenzene (Surr)	94		70 - 130		10/16/18 21:45	1

Lab Sample ID: LCS 440-505574/1002

Matrix: Water

Analysis Batch: 505574

_	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	70 - 130	
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130	
1,1-Dichloroethene	10.0	10.0		ug/L		100	70 - 130	
1,2,4-Trichlorobenzene	10.0	10.5		ug/L		105	70 - 130	
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	
1,2-Dichloroethane	10.0	10.1		ug/L		101	70 - 130	
1,2-Dichloropropane	10.0	10.5		ug/L		105	70 - 130	
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130	
Benzene	10.0	10.2		ug/L		102	70 - 130	
Bromodichloromethane	10.0	10.8		ug/L		108	70 - 130	

TestAmerica Irvine

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-505574/1002

Matrix: Water

Analysis Batch: 505574

Client Sample ID: Lab Control Sample Prep Type: Total/NA

-	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Bromoform	10.0	12.0		ug/L		120	70 - 130	
Carbon tetrachloride	10.0	11.6		ug/L		116	70 - 130	
Chlorobenzene	10.0	10.1		ug/L		101	70 - 130	
Chloroform	10.0	10.4		ug/L		104	70 - 130	
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	70 - 130	
Dibromochloromethane	10.0	11.1		ug/L		111	70 - 130	
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130	
m,p-Xylene	20.0	21.2		ug/L		106	70 - 130	
Methylene Chloride	10.0	10.2		ug/L		102	70 - 130	
o-Xylene	10.0	10.5		ug/L		105	70 - 130	
Styrene	10.0	10.6		ug/L		106	70 - 130	
Tetrachloroethene	10.0	10.4		ug/L		104	70 - 130	
Toluene	10.0	10.3		ug/L		103	70 - 130	
trans-1,2-Dichloroethene	10.0	9.87		ug/L		99	70 - 130	
Trichloroethene	10.0	10.4		ug/L		104	70 - 130	
Vinyl chloride	10.0	10.3		ug/L		103	70 - 130	
ICS I	rs							

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1,2-Dichlorobenzene-d4	102	70 - 130
4-Bromofluorobenzene (Surr)	101	70 - 130

Lab Sample ID: 440-221537-F-3 MS

Matrix: Water

Client Sample ID: Matrix Spike	
Prep Type: Total/NA	

Analysis Batch: 505574										
Analysis Baton: 000074	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,1-Trichloroethane	ND		50.0	56.3		ug/L		113	70 - 130	
1,1,2-Trichloroethane	ND		50.0	49.9		ug/L		100	70 - 130	
1,1-Dichloroethene	ND		50.0	52.3		ug/L		105	70 - 130	
1,2,4-Trichlorobenzene	ND		50.0	51.9		ug/L		104	70 - 130	
1,2-Dichlorobenzene	ND		50.0	50.9		ug/L		102	70 - 130	
1,2-Dichloroethane	ND		50.0	49.2		ug/L		98	70 - 130	
1,2-Dichloropropane	ND		50.0	52.3		ug/L		105	70 - 130	
1,4-Dichlorobenzene	ND		50.0	53.2		ug/L		106	70 - 130	
Benzene	ND		50.0	51.6		ug/L		103	70 - 130	
Bromodichloromethane	ND		50.0	53.1		ug/L		106	70 - 130	
Bromoform	ND		50.0	56.7		ug/L		113	70 - 130	
Carbon tetrachloride	ND		50.0	59.1		ug/L		118	70 - 130	
Chlorobenzene	ND		50.0	50.5		ug/L		101	70 - 130	
Chloroform	ND		50.0	52.4		ug/L		105	70 - 130	
cis-1,2-Dichloroethene	ND		50.0	51.0		ug/L		102	70 - 130	
Dibromochloromethane	ND		50.0	53.7		ug/L		107	70 - 130	
Ethylbenzene	ND		50.0	51.9		ug/L		104	70 - 130	
m,p-Xylene	ND		100	107		ug/L		107	70 - 130	
Methylene Chloride	ND		50.0	50.8		ug/L		102	70 - 130	
o-Xylene	ND		50.0	53.0		ug/L		106	70 - 130	
Styrene	ND		50.0	52.5		ug/L		105	70 - 130	
Tetrachloroethene	ND		50.0	53.2		ug/L		106	70 - 130	

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QC Sample Results

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-221537-F-3 MS

Matrix: Water

Analysis Batch: 505574

Client Sample ID: Matrix Spike **Prep Type: Total/NA**

_	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Toluene	ND		50.0	52.1		ug/L		104	70 - 130	
trans-1,2-Dichloroethene	ND		50.0	52.2		ug/L		104	70 - 130	
Trichloroethene	ND		50.0	53.8		ug/L		108	70 - 130	
Vinyl chloride	ND		50.0	53.6		ug/L		107	70 - 130	
-										

MS MS

Surrogate %Recovery Qualifier Limits 70 - 130 1,2-Dichlorobenzene-d4 100 4-Bromofluorobenzene (Surr) 100 70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Water

Lab Sample ID: 440-221537-F-3 MSD

Analysis Batch: 505574

Analysis Batch: 505574	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	•	Qualifier	Added	_	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1,1-Trichloroethane	ND		50.0	55.9	- Qualifier	ug/L	_ <u>-</u>	112	70 ₋ 130	1	20
1.1.2-Trichloroethane	ND		50.0	48.6		ug/L		97	70 - 130	3	20
1,1-Dichloroethene	ND		50.0	52.2		ug/L		104	70 - 130	0	20
1,2,4-Trichlorobenzene	ND		50.0	51.7		ug/L		103	70 - 130	0	20
1,2-Dichlorobenzene	ND		50.0	50.3		ug/L		101	70 - 130	1	20
1,2-Dichloroethane	ND		50.0	48.8		ug/L		98	70 - 130	1	20
1,2-Dichloropropane	ND		50.0	52.0		ug/L		104	70 - 130	0	20
1,4-Dichlorobenzene	ND		50.0	52.4		ug/L		105	70 - 130	2	20
Benzene	ND		50.0	51.3		ug/L		103	70 - 130	1	20
Bromodichloromethane	ND		50.0	52.9		ug/L		106	70 - 130	0	20
Bromoform	ND		50.0	55.8		ug/L		112	70 - 130	1	20
Carbon tetrachloride	ND		50.0	60.0		ug/L		120	70 - 130	2	20
Chlorobenzene	ND		50.0	50.1		ug/L		100	70 - 130	1	20
Chloroform	ND		50.0	51.7		ug/L		103	70 - 130	1	20
cis-1,2-Dichloroethene	ND		50.0	51.4		ug/L		103	70 - 130	1	20
Dibromochloromethane	ND		50.0	53.9		ug/L		108	70 - 130	0	20
Ethylbenzene	ND		50.0	51.8		ug/L		104	70 - 130	0	20
m,p-Xylene	ND		100	106		ug/L		106	70 - 130	0	20
Methylene Chloride	ND		50.0	51.5		ug/L		103	70 - 130	1	20
o-Xylene	ND		50.0	52.4		ug/L		105	70 - 130	1	20
Styrene	ND		50.0	52.6		ug/L		105	70 - 130	0	20
Tetrachloroethene	ND		50.0	53.1		ug/L		106	70 - 130	0	20
Toluene	ND		50.0	52.0		ug/L		104	70 - 130	0	20
trans-1,2-Dichloroethene	ND		50.0	51.7		ug/L		103	70 - 130	1	20
Trichloroethene	ND		50.0	53.5		ug/L		107	70 - 130	1	20
Vinyl chloride	ND		50.0	54.4		ug/L		109	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichlorobenzene-d4	98		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Client: ABC Liovin Drilling, Inc. TestAmerica Job ID: 440-221856-1 Project/Site: Yurok Indian Tribe

Method: 548.1 - Endothall (GC/MS)

Lab Sample ID: MB 680-543221/9-A **Matrix: Water**

Analysis Batch: 543200

MB MB

Sample Sample

ND F1

Result Qualifier

MB MB

ND

ND

Result Qualifier

Analyte Result Qualifier Endothall ND

Spike

Added

25.0

Spike

Added

25.0

Spike

Added

25.0

Spike

Added

RL 10

MDL Unit 6.3 ug/L

LCS LCS

LCSD LCSD

MSD MSD

ND F1

MS MS

6.90 J

Result Qualifier

MDL Unit

0.0025 ug/L 0.0024 ug/L

LCS LCS

0.0879

0.115

Result Qualifier

Result Qualifier

24.1

Result Qualifier

17.1

Result Qualifier

Unit

ug/L

Unit

ug/L

Unit

ug/L

Unit

ug/L

Unit

ug/L

ug/L

Prepared

<u>10/13/18 07:31</u> <u>10/14/18 15:31</u>

%Rec.

Limits

10 - 159

Client Sample ID: Method Blank

Analyzed Dil Fac

Prep Batch: 543221

Prep Type: Total/NA

Prep Batch: 543221

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Lab Sample ID: LCS 680-543221/10-A **Matrix: Water**

Analysis Batch: 543400

Analyte

Endothall Lab Sample ID: LCSD 680-543221/11-A

Matrix: Water

Analysis Batch: 543200

Analyte

Endothall

Lab Sample ID: 500-152940-I-1-A MSD **Matrix: Water**

Analysis Batch: 543200

Endothall

Analyte

Lab Sample ID: 500-152940-J-1-B MS

Matrix: Water Analysis Batch: 543200

Analyte

Result Qualifier Endothall ND F1

Sample Sample

25.0 Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Lab Sample ID: MB 680-543120/3-A

Matrix: Water Analysis Batch: 543132

Analyte 1,2-Dibromoethane 1,2-Dibromo-3-Chloropropane

Lab Sample ID: LCS 680-543120/4-A **Matrix: Water**

Analysis Batch: 543132

Analyte 1,2-Dibromoethane 1,2-Dibromo-3-Chloropropane Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

%Rec

D %Rec

68

96

Prep Batch: 543221

%Rec. **RPD** Limits RPD Limit 10 - 159 30

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 543221 RPD %Rec.

%Rec Limits **RPD** Limit 0 10 - 159 NC

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 543221

%Rec.

%Rec Limits 28 10 - 159

> **Client Sample ID: Method Blank** Prep Type: Total/NA

Prep Batch: 543120

Prepared Analyzed Dil Fac 10/12/18 11:52 10/12/18 14:16 10/12/18 11:52 10/12/18 14:16

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 543120**

%Rec. D %Rec Limits 88 70 - 130 115 70 - 130

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RL

0.018

0.018

Spike

Added

0.100

0.100

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 680-543120/5-A				Client S	ample	ID: Lab	Control	Sample	e Dup
Matrix: Water							Prep Ty	pe: Tot	al/NA
Analysis Batch: 543132							Prep Ba	atch: 54	43120
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,2-Dibromoethane	0.100	0.0919		ug/L		92	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	0.100	0.120		ug/L		120	70 - 130	4	30

Lab Sample ID: 500-15294	0-D-1-B MS						CI	ient Sa	imple ID: Matrix Spike
Matrix: Water									Prep Type: Total/NA
Analysis Batch: 543132									Prep Batch: 543120
-	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	ND		0.0951	0.0950		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	ND		0.0951	0.113		ug/L		119	70 ₋ 130

Lab Sample ID: 500-152940 Matrix: Water	-D-1-C MS	D				Client	Samp	le ID: N	latrix Spil Prep Ty		
Analysis Batch: 543132									Prep Ba	atch: 54	43120
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,2-Dibromoethane	ND		0.0951	0.102		ug/L		107	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	ND		0.0951	0.121		ug/L		128	70 - 130	7	30

Method: 515.1 - Herbicides (GC)

2,4-Dichlorophenylacetic acid

Lab Sample ID: MB 680-5433	99/20-A						Client Samp	le ID: Method	Blank
Matrix: Water								Prep Type: To	otal/NA
Analysis Batch: 543801								Prep Batch:	543399
_	MB	MB						•	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.50	0.037	ug/L		10/16/18 10:15	10/17/18 16:34	1
Dalapon	ND		5.0	1.0	ug/L		10/16/18 10:15	10/17/18 16:34	1
Dinoseb	ND		1.0	0.15	ug/L		10/16/18 10:15	10/17/18 16:34	1

Surrogate	MB %Recovery	 Limits			Prepared	Analyzed	Dil Fac	
Silvex (2,4,5-TP)	ND	0.25	0.060	ug/L	10/16/18 10:15	10/17/18 16:34	1	
Picloram	ND	0.50	0.077	ug/L	10/16/18 10:15	10/17/18 16:34	1	
Pentachiorophenol	ND	0.20	0.038	ug/L	10/16/18 10:15	10/17/18 16:34	1	

70 - 130

Lab Sample ID: LCS 680-543399/21-A Matrix: Water				Clie	nt Sample ID	: Lab Control Sample Prep Type: Total/NA
Analysis Batch: 543801	Spike	LCS	LCS			Prep Batch: 543399 %Rec.
Analyte	Added	Result	Qualifier	Unit	D %Rec	Limits
2,4-D	2.00	1.72		ug/L	86	49 - 214
Dalapon	2.00	1.70	J	ug/L	85	40 - 160
Dinoseb	2.00	1.46		ug/L	73	10 - 121
Pentachlorophenol	0.500	0.513		ug/L	103	36 - 223
Picloram	2.00	1.80		ug/L	90	45 - 138
Silvex (2,4,5-TP)	0.500	0.498		ug/L	100	42 - 226

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<u>10/16/18 10:15</u> <u>10/17/18 16:34</u>

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6

3

<u>:</u>

7

9

11

12

14

Client Sample ID: Lab Control Sample

Client Sample ID: Matrix Spike Duplicate

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Prep Type: Total/NA

Prep Batch: 543399

Method: 515.1 - Herbicides (GC) (Continued)

Lab Sample ID: LCS 680-543399/21-A

Matrix: Water

Analysis Batch: 543801

LCS LCS

%Recovery Qualifier Surrogate Limits 2,4-Dichlorophenylacetic acid 70 - 130 99

Lab Sample ID: 680-159093-I-6-A MS **Client Sample ID: Matrix Spike**

Matrix: Water Prep Type: Total/NA Analysis Batch: 543801 **Prep Batch: 543399** Sample Sample Snika Me Me

	Sample	Sample	Spike	IVIO	INIO				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
2,4-D	ND	F1	2.00	0.558	p F1	ug/L		28	49 - 214	
Dalapon	ND	F1	2.00	ND	F1	ug/L		0	40 - 160	
Dinoseb	ND	F2	2.00	0.358	Jр	ug/L		18	10 - 121	
Pentachlorophenol	ND	F1 F2	0.501	0.0926	JF1	ug/L		18	36 - 223	
Picloram	ND		2.00	0.994		ug/L		50	45 - 138	
Silvex (2,4,5-TP)	ND	F1 F2	0.501	0.137	J F1	ug/L		27	42 - 226	

MS MS

%Recovery Qualifier Limits Surrogate 2,4-Dichlorophenylacetic acid 19 pX 70 - 130

Lab Sample ID: 680-159093-L-6-B MSD

Matrix: Water

Prep Type: Total/NA Analysis Batch: 543801 **Prep Batch: 543399** Sample Sample Spike MSD MSD %Rec.

		- up	- p						,		–
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4-D	ND	F1	1.95	0.612	F1	ug/L		31	49 - 214	9	30
Dalapon	ND	F1	1.95	ND	F1	ug/L		0	40 - 160	NC	30
Dinoseb	ND	F2	1.95	0.272	Jр	ug/L		14	10 - 121	27	30
Pentachlorophenol	ND	F1 F2	0.488	0.0504	J F1 F2	ug/L		10	36 - 223	59	30
Picloram	ND		1.95	0.937		ug/L		48	45 - 138	6	30
Silvex (2,4,5-TP)	ND	F1 F2	0.488	0.0813	J F1 F2	ug/L		17	42 - 226	51	30

MSD MSD

%Recovery Qualifier Surrogate Limits 2,4-Dichlorophenylacetic acid 70 - 130

Method: 552.2 - Haloacetic Acids (HAAs) (GC)

Lab Sample ID: MB 680-543506/21-A **Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA Prep Batch: 543506**

Analysis Batch: 543648

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Monochloroacetic acid	ND		1.0	0.40	ug/L		10/16/18 06:30	10/17/18 00:51	1
Monobromoacetic acid	ND		1.0	0.75	ug/L		10/16/18 06:30	10/17/18 00:51	1
Dichloroacetic acid	ND		1.0	0.98	ug/L		10/16/18 06:30	10/17/18 00:51	1
Dibromoacetic acid	ND		1.0	0.38	ug/L		10/16/18 06:30	10/17/18 00:51	1
Trichloroacetic acid	ND		1.0	0.38	ug/L		10/16/18 06:30	10/17/18 00:51	1

MB MB

Dil Fac %Recovery Qualifier Limits Prepared Surrogate Analyzed 2,3-Dibromopropionic acid 82 70 - 130 10/16/18 06:30 10/17/18 00:51

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Lab Sample ID: LCS 680-543506/22-A

Matrix: Water

Analysis Batch: 543648

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 543506

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Monochloroacetic acid	12.5	11.0		ug/L		88	70 - 130	
Monobromoacetic acid	12.5	10.4		ug/L		83	70 - 130	
Dichloroacetic acid	12.5	10.3		ug/L		83	70 - 130	
Dibromoacetic acid	12.5	10.4		ug/L		83	70 - 130	
Trichloroacetic acid	12.5	9.61		ug/L		77	70 - 130	

LCS LCS

Surrogate %Recovery Qualifier Limits 2,3-Dibromopropionic acid 70 - 130

Lab Sample ID: 680-159178-A-2-B MS **Client Sample ID: Matrix Spike**

Matrix: Water

Analysis Batch: 543648

Prep Type: Total/NA

Prep Batch: 543506

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Monochloroacetic acid	ND		12.5	13.3		ug/L		107	70 - 130	
Monobromoacetic acid	ND		12.5	10.8		ug/L		86	70 - 130	
Dichloroacetic acid	2.4	p F1	12.5	14.1		ug/L		94	70 - 130	
Dibromoacetic acid	ND		12.5	10.9		ug/L		87	70 - 130	
Trichloroacetic acid	1.8		12.5	11.6		ug/L		78	70 - 130	
	140	140								

%Recovery Qualifier Surrogate Limits 2,3-Dibromopropionic acid 70 - 130

Lab Sample ID: 680-159178-A-2-C MSD

Matrix: Water

Analysis Batch: 543648

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA **Prep Batch: 543506**

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Monochloroacetic acid	ND		12.5	13.4		ug/L		107	70 - 130		20
Monobromoacetic acid	ND		12.5	10.5		ug/L		84	70 - 130	2	20
Dichloroacetic acid	2.4	p F1	12.5	13.9		ug/L		92	70 - 130	2	20
Dibromoacetic acid	ND		12.5	10.7		ug/L		86	70 - 130	2	20
Trichloroacetic acid	1.8		12.5	11.2		ug/L		75	70 - 130	3	20

MSD MSD

Surrogate %Recovery Qualifier Limits 70 - 130 2,3-Dibromopropionic acid

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 440-504025/6

Matrix: Water

Analysis Batch: 504025

Client Sample ID: Method Blank

Prep Type: Total/NA

_	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.11	0.055	mg/L			10/10/18 12:14	1
Nitrite as N	ND		0.15	0.025	ma/l			10/10/18 12:14	1

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 440-504025/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504025

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate as N	 1.13	1.13		mg/L		100	90 - 110	
Nitrite as N	1.52	1.43		mg/L		94	90 - 110	

Lab Sample ID: 440-221856-1 MS Client Sample ID: Well #4 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504025

%Rec. Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Nitrate as N 0.85 1.13 1.94 mg/L 97 80 - 120 Nitrite as N 0.095 J 1.52 mg/L 80 - 120 1.44 88

Lab Sample ID: 440-221856-1 MSD Client Sample ID: Well #4 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 504025

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrate as N	0.85		1.13	1.95		mg/L		98	80 - 120	0	20
Nitrite as N	0.095	J	1.52	1.45		mg/L		89	80 - 120	1	20

Lab Sample ID: MB 440-504026/6 **Client Sample ID: Method Blank Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504026

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			10/10/18 12:14	1
Sulfate	ND		0.50	0.25	mg/L			10/10/18 12:14	1

Lab Sample ID: LCS 440-504026/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504026

	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	 5.00	4.69		mg/L		94	90 - 110		-
Sulfate	5.00	4.91		mg/L		98	90 - 110		

Lab Sample ID: 440-221856-1 MS Client Sample ID: Well #4 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 504026

•	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	12		5.00	17.6		mg/L		108	80 - 120		_
Sulfate	4.1		5.00	8.83		ma/L		95	80 - 120		

Lab Sample ID: 440-221856-1 MSD Client Sample ID: Well #4 **Matrix: Water Prep Type: Total/NA**

Alialysis Dalcii. 504026											
-	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	12		5.00	17.7		mg/L	_	108	80 - 120		20

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mg/L

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Lab Sample ID: MB 440-504255/8

Sulfate

Method: 300.0 - Anions, Ion Chromatography (Continued)

4.1

Lab Sample ID: 440-221856-	1 MSD							Clie	nt Sampl	e ID: W	ell #4
Matrix: Water									Prep Ty	pe: Tot	al/NA
Analysis Batch: 504026											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit

8.94

5.00

Method: 300.1B - Disinfection By-Products, (IC)

Analysis Batch: 504255								Prep Type: 10	otal/NA
_	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromate	ND		50	10	ug/L			10/11/18 08:03	10
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	100		90 - 115			-		10/11/18 08:03	10

Lab Sample ID: LCS 44	U-0U4Z05/ <i>1</i>					Ciler	it Sai	Tiple ID	: Lab Control Sampl
Matrix: Water									Prep Type: Total/N
Analysis Batch: 504255									
-			Spike	LCS	LCS				%Rec.
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Bromate			250	244		ug/L		98	75 - 125
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
Dichloroacetic acid(Surr)	100		90 - 115						

Lab Sample ID: MRL 440 Matrix: Water Analysis Batch: 504255	-504255/3					Clie	nt Saı	nple ID		trol Sample e: Total/NA
			Spike	MRL	MRL				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Bromate			5.00	4.87	J	ug/L		97	50 - 150	
	MRL	MRL								
Surrogate	%Recovery	Qualifier	Limits							
Dichloroacetic acid(Surr)	100		90 - 115							

Lab Sample ID: 440-2218 Matrix: Water Analysis Batch: 504255	44-A-2 MS						CI	lient Sa	mple ID: Matrix Prep Type: To	
Analysis Baton: 004200	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Bromate	ND		50.0	56.1		ug/L		112	75 - 125	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
Dichloroacetic acid(Surr)	101		90 - 115							

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80 - 120

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

10 - 200

Client Sample ID: Matrix Spike

96

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 300.1B - Disinfection By-Products, (IC) (Continued)

Lab Sample ID: 440-221844-A-2 MSD **Client Sample ID: Matrix Spike Duplicate Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504255

Sample Sample Spike MSD MSD %Rec. RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit 50.0 **Bromate** ND 51.3 ug/L 103 75 - 125 9 25

MSD MSD

Surrogate %Recovery Qualifier Limits Dichloroacetic acid(Surr) 102 90 - 115

Lab Sample ID: MB 440-504264/8 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 504264

MB MB Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Chlorite 200 10/11/18 08:03 40 ug/L $\overline{\mathsf{ND}}$

MB MB

Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed Dichloroacetic acid(Surr) 100 90 - 115 10/11/18 08:03

Lab Sample ID: LCS 440-504264/7

Matrix: Water

Analysis Batch: 504264

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits 1000 Chlorite 968 ug/L 85 - 115

LCS LCS

Surrogate %Recovery Qualifier Limits Dichloroacetic acid(Surr) 100 90 - 115

Lab Sample ID: MRL 440-504264/3

Matrix: Water

Chlorite

Analysis Batch: 504264

Spike MRL MRL %Rec. Analyte Added Result Qualifier Unit D %Rec Limits

19.2 J

ug/L

20.0

MRL MRL

%Recovery Qualifier Surrogate Limits Dichloroacetic acid(Surr) 90 - 115 100

Lab Sample ID: 440-221844-A-2 MS

Matrix: Water

Analysis Batch: 504264

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Limits Result Qualifier Unit %Rec Chlorite 200 97 75 - 125 $\overline{\mathsf{ND}}$ 194 ug/L

MS MS

%Recovery Qualifier Limits Surrogate Dichloroacetic acid(Surr) 101 90 - 115

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Client Sample ID: Method Blank

Method: 300.1B - Disinfection B	y-Products,	(IC)	(Continued)
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Lab Sample ID: 440-22184 Matrix: Water Analysis Batch: 504264	Matrix: Water Analysis Batch: 504264								Matrix Spil Prep Typ		
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chlorite	ND		200	183		ug/L		92	75 - 125	6	25
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
Dichloroacetic acid(Surr)	102		90 - 115								

Method: 314.0 LL - Perchlorate (IC)

Lab Sample ID: MB 440-509452/6

Lab Sample ID: 440-221856-1 MSD

Matrix: Water								Prep Type: To	otal/NA
Analysis Batch: 509452									
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		1.0	0.50	ug/L			11/06/18 08:47	1
ah Sample ID: CS 440-509/	152/5					Client	Sample ID	· Lab Control 9	Sample

Matrix: Water Analysis Batch: 509452						•	Prep Type: Total/NA
	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Perchlorate	25.0	25.2		ug/L		101	85 - 115

_	
Lab Sample ID: MRL 440-509452/4	Client Sample ID: Lab Control Sample
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 509452	

7 maryolo Batom 000-102							
	Spike	MRL MRL	-			%Rec.	
Analyte	Added	Result Qua	lifier Unit	D	%Rec	Limits	
Perchlorate	1 00	1 08	ua/l		108	75 - 125	

Lab Sample ID: 440-221856-	-1 MS			Client Sample ID: Well #4
Matrix: Water				Prep Type: Total/NA
Analysis Batch: 509452				
-	Sample Sample	Spike	MS MS	%Rec.

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Perchlorate	ND		25.0	27.7		ug/L		111	80 - 120	

Matrix: Water Analysis Batch: 509452									Prep Ty	oe: Lot	al/NA	
Analysis Baton: 000402	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Perchlorate	ND		25.0	27.6		ua/L		110	80 - 120		20	

Client Sample ID: Well #4

Client: ABC Liovin Drilling, Inc

TestAmerica Job ID: 440-221856-1

Project/Site: Yurok Indian Tribe

Method: 549.2 - Diquat and Paraquat (HPLC)

Lab Sample ID: MB 680-543364/15-A

Matrix: Water

Analysis Batch: 543770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 543364

MB MB

Diquat

 Analyte
 Result
 Qualifier
 RL
 MDL unit
 D
 Prepared
 Analyzed
 Dil Fac

 Diquat
 ND
 2.0
 0.40
 ug/L
 10/15/18 07:49
 10/18/18 19:39
 1

Lab Sample ID: LCS 680-543364/16-A

Matrix: Water

Analysis Batch: 543770

Spike

Analyte

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 543364
%Rec.
Added
Result Qualifier Unit D %Rec Limits

14.6

ug/L

Lab Sample ID: LCSD 680-543364/17-A Client Sample ID: Lab Control Sample Dup **Matrix: Water** Prep Type: Total/NA Analysis Batch: 543770 Prep Batch: 543364 Spike LCSD LCSD %Rec. **RPD** Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Diquat 20.0 15.1 ug/L 75 70 - 130

20.0

Lab Sample ID: 440-221843-AF-1-B MS **Client Sample ID: Matrix Spike Matrix: Water** Prep Type: Total/NA **Analysis Batch: 543770** Prep Batch: 543364 Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Diquat ND F1 F2 20.0 10.1 F1 50 70 - 130 ug/L

Lab Sample ID: 440-221843-AF-1-C MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Water** Prep Type: Total/NA **Analysis Batch: 543770** Prep Batch: 543364 Spike MSD MSD %Rec. Sample Sample RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit ND F1 F2 20.0 5.56 F1 F2 28 70 - 130 Diquat ug/L 58 30

Method: 1613B - Tetra Chlorinated Dioxin (HRGC/HRMS)

Lab Sample ID: MB 320-252729/1-A

Matrix: Water

Analysis Batch: 253013

MB MB

Client Sample ID: Method Blank
Prep Type: Total/NA

Prep Batch: 252729

RL **EDL** Unit Analyte Result Qualifier Prepared Analyzed Dil Fac 2,3,7,8-TCDD 5.0 10/16/18 15:56 10/18/18 00:52 ND 0.89 pg/L MB MB Isotope Dilution %Recovery Qualifier Limits Prepared Analyzed Dil Fac

 $\frac{\textbf{Isotope Dilution}}{13C-2,3,7,8-TCDD} \qquad \frac{\% Recovery}{66} \qquad \frac{\textbf{Qualifier}}{31-137} \qquad \frac{\textbf{Limits}}{10/16/18 \ 15:56} \qquad \frac{\textbf{Prepared}}{10/18/18 \ 00:52} \qquad \frac{\textbf{Dil Fac}}{1}$

Lab Sample ID: LCS 320-252729/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA **Analysis Batch: 253013** Prep Batch: 252729 Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits 2,3,7,8-TCDD 100 100 pg/L 100 73 - 146

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11/27/2018

70 - 130

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Analysis Batch: 253013

TestAmerica Job ID: 440-221856-1

LCS LCS

Isotope Dilution %Recovery Qualifier Limits 25 - 141 13C-2,3,7,8-TCDD 65

Lab Sample ID: LCSD 320-252729/3-A

Client Sample ID: Lab Control Sample Dup **Matrix: Water**

Prep Type: Total/NA **Prep Batch: 252729** %Rec. **RPD**

Spike LCSD LCSD Added Result Qualifier D %Rec Limits Analyte Unit RPD Limit 2,3,7,8-TCDD 100 94.2 pg/L 94 73 - 146 6

LCSD LCSD

Isotope Dilution %Recovery Qualifier Limits 13C-2,3,7,8-TCDD 58 25 - 141

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 440-504328/1-A

Matrix: Water

Analysis Batch: 504722

Client Sample ID: Method Blank Prep Type: Total Recoverable Prep Batch: 504328

Client Sample ID: Method Blank

MB MB Dil Fac Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed <u>10/11/18 09:13</u> <u>10/12/18 12:06</u> Calcium $\overline{\mathsf{ND}}$ 0.10 0.050 mg/L ND 0.10 0.050 mg/L 10/11/18 09:13 10/12/18 12:06 Magnesium ND 0.020 0.010 mg/L 10/11/18 09:13 10/12/18 12:06

Lab Sample ID: MB 440-504328/1-A

Matrix: Water

Analysis Batch: 504872

Prep Type: Total Recoverable Prep Batch: 504328

	MR	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
SiO2, Silica	ND		0.43	0.22	mg/L		10/11/18 09:13	10/12/18 23:25	1
Sodium	ND		0.50	0.26	mg/L		10/11/18 09:13	10/12/18 23:25	1
Potassium	ND		0.50	0.25	mg/L		10/11/18 09:13	10/12/18 23:25	1
Boron	ND		0.050	0.025	mg/L		10/11/18 09:13	10/12/18 23:25	1

Lab Sample ID: LCS 440-504328/2-A

Matrix: Water

Analysis Batch: 504722

Client Sample ID: Lab Control Sample Prep Type: Total Recoverable

Prep Batch: 504328

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Calcium	 2.50	2.47		mg/L		99	85 - 115	
Iron	0.500	0.505		mg/L		101	85 - 115	
Magnesium	2.50	2.50		mg/L		100	85 - 115	

Lab Sample ID: LCS 440-504328/2-A

Matrix: Water

Analysis Batch: 504872

Client Sample ID: Lab Control Sample Prep Type: Total Recoverable Prep Batch: 504328

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
SiO2, Silica	5.36	5.29		mg/L		99	85 - 115	 _
Sodium	5.00	5.04		mg/L		101	85 - 115	
Potassium	5.00	5.01		mg/L		100	85 - 115	
Boron	0.500	0.491		mg/L		98	85 - 115	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 440-221832-E-1-B MS

Matrix: Water

Analysis Batch: 504872

Client Sample ID: Matrix Spike **Prep Type: Total Recoverable**

Prep Batch: 504328

	Sample	Sample	Spike	MS	IVIS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
SiO2, Silica	ND		5.36	5.11		mg/L		95	70 - 130	
Sodium	ND		5.00	4.88		mg/L		98	70 - 130	
Potassium	ND		5.00	4.86		mg/L		97	70 - 130	
Boron	ND		0.500	0.466		mg/L		93	70 - 130	

Lab Sample ID: 440-221832-E-1-C MSD

Matrix: Water

Analysis Batch: 504872

Client Sample ID: Matrix Spike Duplicate **Prep Type: Total Recoverable**

Prep Batch: 504328

Sample Sample Spike MSD MSD %Rec. **RPD** Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit SiO2, Silica ND 5.36 5.25 mg/L 98 70 - 130 3 20 Sodium ND 5.00 5.03 20 mg/L 101 70 - 130 3 Potassium ND 5.00 4.98 mg/L 100 70 - 130 20 3 70 - 130 ND 20 Boron 0.500 0.487 mg/L 97

Lab Sample ID: 440-221832-E-11-B MS

Matrix: Water

Analysis Batch: 504722

Client Sample ID: Matrix Spike Prep Type: Total Recoverable Prep Batch: 504328

%Rec.

Sample Sample Spike MS MS Result Qualifier Analyte Added Result Qualifier Unit Limits D %Rec Calcium ND 2.50 2.46 mg/L 99 70 - 130 Iron ND 0.500 0.501 mg/L 100 70 - 130 ND Magnesium 2.50 2.49 mg/L 99 70 - 130

Lab Sample ID: 440-221832-E-11-C MSD

Matrix: Water

Analysis Batch: 504722

Client Sample ID: Matrix Spike Duplicate Prep Type: Total Recoverable Prep Batch: 504328

Sample Sample Spike MSD MSD %Rec. Result Qualifier Limits **RPD** Limit **Analyte** Added Result Qualifier Unit %Rec Calcium $\overline{\mathsf{ND}}$ 2.50 2.54 mg/L 102 70 - 130 20 ND 0.500 0.510 Iron mg/L 102 70 - 130 20 Magnesium ND 2.50 2.51 mg/L 101 70 - 130 20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 440-504339/1-A

Matrix: Water

Analysis Batch: 504550

Client Sample ID: Method Blank **Prep Type: Total Recoverable**

Prep Batch: 504339

МВ	MB							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ND ND		10	5.0	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		0.50	0.25	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		1.0	0.25	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
	Result ND	ND ND ND ND ND ND	Result Qualifier RL ND 10 ND 2.0 ND 1.0 ND 0.50 ND 1.0 ND 1.0 ND 2.0 ND 2.0 ND 2.0	Result Qualifier RL MDL ND 10 5.0 ND 2.0 0.50 ND 1.0 0.50 ND 0.50 0.25 ND 1.0 0.25 ND 2.0 0.50 ND 2.0 0.50 ND 2.0 0.50	Result Qualifier RL MDL Unit ND 10 5.0 ug/L ND 2.0 0.50 ug/L ND 1.0 0.50 ug/L ND 0.50 0.25 ug/L ND 1.0 0.25 ug/L ND 2.0 0.50 ug/L ND 2.0 0.50 ug/L ND 2.0 0.50 ug/L	Result Qualifier RL MDL Unit D ND 10 5.0 ug/L ug/L ND 2.0 0.50 ug/L ND 1.0 0.50 ug/L ND 0.50 0.25 ug/L ND 1.0 0.25 ug/L ND 2.0 0.50 ug/L ND 2.0 0.50 ug/L ND 2.0 0.50 ug/L	Result Qualifier RL MDL Unit D Prepared ND 10 5.0 ug/L 10/11/18 09:30 ND 2.0 0.50 ug/L 10/11/18 09:30 ND 1.0 0.50 ug/L 10/11/18 09:30 ND 0.50 0.25 ug/L 10/11/18 09:30 ND 1.0 0.25 ug/L 10/11/18 09:30 ND 2.0 0.50 ug/L 10/11/18 09:30 ND 2.0 0.50 ug/L 10/11/18 09:30 ND 2.0 0.50 ug/L 10/11/18 09:30	Result Qualifier RL MDL Unit D Prepared Analyzed ND 10 5.0 ug/L 10/11/18 09:30 10/11/18 22:11 ND 2.0 0.50 ug/L 10/11/18 09:30 10/11/18 22:11 ND 1.0 0.50 ug/L 10/11/18 09:30 10/11/18 22:11 ND 1.0 0.50 ug/L 10/11/18 09:30 10/11/18 22:11 ND 0.50 0.25 ug/L 10/11/18 09:30 10/11/18 22:11 ND 1.0 0.25 ug/L 10/11/18 09:30 10/11/18 22:11 ND 2.0 0.50 ug/L 10/11/18 09:30 10/11/18 22:11 ND 2.0 0.50 ug/L 10/11/18 09:30 10/11/18 22:11 ND 2.0 0.50 ug/L 10/11/18 09:30 10/11/18 22:11

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 200.8 - Metals (ICP/MS) (Continued)

MD MD

Lab Sample ID: MB 440-504339/1-A

Matrix: Water

Analysis Batch: 504550

Client Sample ID: Method Blank Prep Type: Total Recoverable

Prep Batch: 504339

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
Selenium	ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
Silver	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
Thallium	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
Uranium	ND		1.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
Zinc	17.9	J	20	2.5	ug/L		10/11/18 09:30	10/11/18 22:11	1
Nickel	ND		2.0	0.50	ug/L		10/11/18 09:30	10/11/18 22:11	1
Vanadium	ND		2.0	1.0	ug/L		10/11/18 09:30	10/11/18 22:11	1

Lab Sample ID: LCS 440-504339/2-A

Matrix: Water

Client Sample ID: Lab Control Sample Prep Type: Total Recoverable Pron Batch: 504339

Analysis Batch: 504550	Spike	LCS	LCS				Prep Batch: 504339 %Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Aluminum	80.0	85.0		ug/L		106	85 - 115
Antimony	80.0	82.4		ug/L		103	85 - 115
Arsenic	80.0	77.6		ug/L		97	85 - 115
Barium	80.0	76.3		ug/L		95	85 - 115
Beryllium	80.0	81.2		ug/L		102	85 - 115
Cadmium	80.0	77.5		ug/L		97	85 - 115
Chromium	80.0	77.7		ug/L		97	85 - 115
Copper	80.0	77.3		ug/L		97	85 - 115
Lead	80.0	77.8		ug/L		97	85 - 115
Manganese	80.0	78.3		ug/L		98	85 - 115
Selenium	80.0	80.8		ug/L		101	85 - 115
Silver	80.0	78.0		ug/L		97	85 - 115
Thallium	80.0	76.7		ug/L		96	85 - 115
Uranium	80.0	77.2		ug/L		97	85 - 115
Zinc	80.0	80.6		ug/L		101	85 - 115
Nickel	80.0	77.4		ug/L		97	85 - 115
Vanadium	80.0	77.6		ug/L		97	85 - 115

Lab Sample ID: 440-221738-A-2-B MS ^5

Matrix: Water

Analysis Batch: 504550

Cheff Sample iD: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 504339

Alialysis Datcii. 304330	_	_							Fieb Datcii. 304339
	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Aluminum	420	F2	80.0	432	4	ug/L		12	70 - 130
Antimony	14	F1	80.0	122	F1	ug/L		135	70 - 130
Arsenic	98		80.0	185		ug/L		109	70 - 130
Barium	6.4		80.0	107		ug/L		126	70 - 130
Beryllium	ND		80.0	98.9		ug/L		124	70 - 130
Cadmium	ND		80.0	96.0		ug/L		120	70 - 130
Chromium	ND		80.0	98.3		ug/L		123	70 - 130
Copper	250	F1	80.0	312		ug/L		81	70 - 130
Lead	22		80.0	117		ug/L		118	70 - 130
Manganese	8.6		80.0	106		ug/L		122	70 - 130
Selenium	7.1	J	80.0	99.5		ug/L		116	70 - 130
Silver	ND		80.0	95.8		ug/L		120	70 - 130

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 440-221738 Matrix: Water Analysis Batch: 504550	8-A-2-B MS	^5							mple ID: Matrix Spike be: Total Recoverable Prep Batch: 504339			
7 maryolo Batom 60-1000	Sample	Sample	Spike	MS	MS				Prep Batch: 504339 %Rec. Limits 70 - 130 70 - 130 70 - 130			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Thallium	ND		80.0	91.4		ug/L		114	70 - 130			
Uranium	ND		80.0	102		ug/L		128	70 - 130			
Zinc	150	F2 F1 B	80.0	239		ug/L		107	70 - 130			
Nickel	5.3	J	80.0	98.6		ug/L		117	70 - 130			
Vanadium	18		80.0	117		ug/L		123	70 - 130			

Lab Sample ID: 440-221738-A-2-C MSD ^5 **Client Sample ID: Matrix Spike Duplicate Prep Type: Total Recoverable Matrix: Water**

Sample Sample Spike MSD MSD		%Rec.		
		/ortec.		RPD
Analyte Result Qualifier Added Result Qualifier Unit	D %Rec	Limits	RPD	Limit
Aluminum 420 F2 80.0 349 4 F2 ug/L	-92	70 - 130	21	20
Antimony 14 F1 80.0 99.5 ug/L	107	70 - 130	20	20
Arsenic 98 80.0 154 ug/L	70	70 - 130	18	20
Barium 6.4 80.0 87.6 ug/L	102	70 - 130	20	20
Beryllium ND 80.0 80.8 ug/L	101	70 - 130	20	20
Cadmium ND 80.0 79.3 ug/L	99	70 - 130	19	20
Chromium ND 80.0 82.1 ug/L	103	70 - 130	18	20
Copper 250 F1 80.0 257 F1 ug/L	12	70 - 130	19	20
Lead 22 80.0 97.3 ug/L	94	70 - 130	18	20
Manganese 8.6 80.0 91.0 ug/L	103	70 - 130	16	20
Selenium 7.1 J 80.0 81.9 ug/L	94	70 - 130	19	20
Silver ND 80.0 79.9 ug/L	100	70 - 130	18	20
Thallium ND 80.0 74.7 ug/L	93	70 - 130	20	20
Uranium ND 80.0 84.4 ug/L	105	70 - 130	19	20
Zinc 150 F2 F1 B 80.0 194 F1 F2 ug/L	50	70 - 130	21	20
Nickel 5.3 J 80.0 83.5 ug/L	98	70 - 130	17	20
Vanadium 18 80.0 97.2 ug/L	99	70 - 130	18	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 440-504373/1-A **Client Sample ID: Method Blank** Prep Type: Total/NA **Matrix: Water** Analysis Batch: 504791 **Prep Batch: 504373**

MD MD

Analyte	Result Qual		MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	0.00020	0.00010	mg/L		10/11/18 12:09	10/12/18 14:47	1

Lab Sample ID: LCS 440-504373/2-A				Clie	nt Saı	mple ID	: Lab Control Samp	ole
Matrix: Water							Prep Type: Total/N	۱A
Analysis Batch: 504791							Prep Batch: 5043	73
-	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Mercury	0.00800	0.00891		mg/L		111	85 - 115	_

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Client: ABC Liovin Drilling, Inc. Project/Site: Yurok Indian Tribe

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: 440-221313-R-1-C MS Client Sample ID: Matrix Spike **Matrix: Water** Prep Type: Total/NA **Analysis Batch: 504791 Prep Batch: 504373**

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 70 - 130 ND 0.00800 0.00783 mg/L 98 Mercury

Lab Sample ID: 440-221313-R-1-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Water** Prep Type: Total/NA Analysis Batch: 504791 **Prep Batch: 504373** Sample Sample Spike MSD MSD **RPD** %Rec. Result Qualifier Analyte Added Result Qualifier Limits **RPD** Limit Unit %Rec Mercury $\overline{\mathsf{ND}}$ 0.00800 0.00811 mg/L 101 70 - 130 20

Method: SM 2120B - Color, Colorimetric

Lab Sample ID: 440-221843-AN-1 DU **Client Sample ID: Duplicate Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504165

Sample Sample DU DU **RPD** Analyte Result Qualifier Result Qualifier Unit **RPD** Limit pH at time of analysis SU 2 7.0 6.95 0.1 Color, Apparent ND ND Color Units NC 20

Method: SM 2130B - Turbidity

Lab Sample ID: MB 440-504231/5 **Client Sample ID: Method Blank** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 504231

MB MB RL Analyte Result Qualifier **MDL** Unit Dil Fac Prepared Analyzed Turbidity 0.10 0.040 NTU 10/10/18 20:47 ND

Client Sample ID: Lab Control Sample Lab Sample ID: MRL 440-504231/4 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504231

Spike MRL MRL %Rec Analyte Added Result Qualifier Unit %Rec Limits Turbidity 0.100 NTU 50 - 150 0.100 100

Lab Sample ID: 440-221847-D-1 DU **Client Sample ID: Duplicate Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504231 DU DU **RPD** Sample Sample Unit Analyte Result Qualifier Result Qualifier RPD Limit Turbidity 2.9 2.92 NTU

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: SM 2150B - Odor

Lab Sample ID: MB 440-505785/1

Matrix: Water

Analysis Batch: 505785

MB MB

Analyte Result Qualifier RL RL Unit Prepared Analyzed Dil Fac 1.0 1.0 T.O.N. 10/17/18 14:09 Odor ND

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 440-504984/3

Matrix: Water

Analysis Batch: 504984

MB MB

RL Unit Analyte Result Qualifier RL Prepared Dil Fac Analyzed Alkalinity as CaCO3 ND 4.0 4.0 mg/L 10/13/18 04:41 ND 4.0 10/13/18 04:41 Bicarbonate Alkalinity as CaCO3 4.0 mg/L Carbonate Alkalinity as CaCO3 ND 4.0 4.0 mg/L 10/13/18 04:41 Hydroxide Alkalinity as CaCO3 ND 4.0 4.0 mg/L 10/13/18 04:41

Lab Sample ID: LCS 440-504984/2

Matrix: Water

Analysis Batch: 504984

		Spike	LCS	LCS				%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Alkalinity as CaCO3		80.7	87.0		mg/L	_	108	80 - 120	

Lab Sample ID: 440-221933-B-7 DU

Matrix: Water

Analysis Batch: 504984

	Analysis Batch: 504504	Sample	Sample	DU	DU				RPD
	Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
	Alkalinity as CaCO3	850		846		mg/L		0.5	20
١	Bicarbonate Alkalinity as CaCO3	850		846		mg/L		0.5	20
	Carbonate Alkalinity as CaCO3	ND		ND		mg/L		NC	20
	Hydroxide Alkalinity as CaCO3	ND		ND		mg/L		NC	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 440-509506/3

Matrix: Water

Analysis Batch: 509506

MB MB

Analyte Result Qualifier RL **RL Unit** Prepared Analyzed Dil Fac Specific Conductance ND 1 0 1.0 umhos/cm 11/06/18 10:02

Lab Sample ID: LCS 440-509506/4

Matrix: Water

Analysis Batch: 509506

-	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Specific Conductance	953	965		umhos/cm	_	101	90 - 110	

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Client Sample ID: Method Blank

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Duplicate

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Prep Type: Total/NA

Method: SM 2510B - Conductivity, Specific Conductance (Continued)

Lab Sample ID: 440-221856-1 DU Client Sample ID: Well #4 **Matrix: Water**

Analysis Batch: 509506

Sample Sample DU DU RPD Analyte Result Qualifier Result Qualifier Unit RPD Limit D 150 umhos/cm Specific Conductance 157

Method: SM 2540C - Solids, Total Dissolved (TDS)

Client Sample ID: Method Blank Lab Sample ID: MB 440-504581/1 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504581

MB MB RL Analyte Result Qualifier MDL Unit Dil Fac Prepared Analyzed **Total Dissolved Solids** $\overline{\mathsf{ND}}$ 10 5.0 mg/L 10/12/18 08:00

Lab Sample ID: LCS 440-504581/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504581

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits **Total Dissolved Solids** 1000 1000 100 90 - 110 mg/L

Lab Sample ID: 440-221840-B-11 DU **Client Sample ID: Duplicate** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 504581

DU DU Sample Sample **RPD** Result Qualifier Result Qualifier RPD Limit Unit Total Dissolved Solids 360 372 mg/L

Method: SM 4500 CI G - Chlorine, Residual

Lab Sample ID: MB 440-506936/4 **Client Sample ID: Method Blank** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 506936

MB MB Analyte Result Qualifier RI RI Unit ח Dil Fac Prepared Analyzed Chloramines, Total 0.10 0.10 mg/L ND 10/23/18 11:00 Chlorine, Total Residual ND 0.10 0.10 mg/L 10/23/18 11:00

Lab Sample ID: MRL 440-506936/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 506936

Spike MRL MRL %Rec. Analyte Added Result Qualifier Unit %Rec Limits Chlorine, Total Residual 0.100 0.120 mg/L 120 50 - 150

Lab Sample ID: 440-221843-AM-1 DU Client Sample ID: Duplicate Prep Type: Total/NA

Matrix: Water

Analysis Ratch: 506936

Analysis Daten. 300330	Sample	Sample	DU	DU					RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		RPD	Limit
Chloramines, Total	ND		 ND		mg/L		· 	NC	20
Chlorine, Total Residual	ND		ND		mg/L			NC	20

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Client: ABC Liovin Drilling, Inc. Project/Site: Yurok Indian Tribe

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 440-504799/1-A	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 504894	Prep Batch: 504799
MB M	·

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac $\overline{\mathsf{ND}}$ 0.025 Cyanide, Total 0.013 mg/L <u>10/12/18 20:07</u> <u>10/12/18 22:00</u>

Lab Sample ID: LCS 440-504799/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA Analysis Batch: 504894 Prep Batch: 504799 Spike LCS LCS %Rec. Added Limits Analyte Result Qualifier Unit D %Rec 90 - 110 Cyanide, Total 0.200 0.191 mg/L 96

Lab Sample ID: 440-221856-1 MS Client Sample ID: Well #4 **Matrix: Water** Prep Type: Total/NA Analysis Batch: 504894 Prep Batch: 504799 Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier D %Rec Limits Analyte Unit Cyanide, Total ND 0.200 0.186 mg/L 93 70₋115

Lab Sample ID: 440-221856-1 MSD Client Sample ID: Well #4 **Matrix: Water** Prep Type: Total/NA **Analysis Batch: 504894** Prep Batch: 504799 Sample Sample Spike MSD MSD %Rec. **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Cyanide, Total ND 0.200 0.190 95 70 - 115 2 mg/L

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 440-504681/10 **Client Sample ID: Method Blank Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504681

MB MB Analyte Result Qualifier RL **MDL** Unit Dil Fac Prepared Analyzed Fluoride 0.10 0.050 mg/L $\overline{\mathsf{ND}}$ 10/12/18 10:00

Lab Sample ID: LCS 440-504681/9 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA **Analysis Batch: 504681** Spike LCS LCS %Rec.

Added Result Qualifier Analyte Unit D %Rec Limits Fluoride 1.00 1.01 mg/L 101 90 - 110

Lab Sample ID: MRL 440-504681/11 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504681 Spike MRL MRL %Rec. Added Analyte Result Qualifier Unit D %Rec Limits

Fluoride 0.100 0.0992 J mg/L 99 10 - 200

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Client: ABC Liovin Drilling, Inc. Project/Site: Yurok Indian Tribe

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 440-221785-D-1 MS Client Sample ID: Matrix Spike **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504681

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 1.00 Fluoride 0.55 1.55 mg/L 100 80 - 120

Lab Sample ID: 440-221785-D-1 MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504681

Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Limits **RPD** Analyte Result Qualifier %Rec Limit Unit Fluoride 0.55 1.00 1.62 mg/L 106 80 - 120 20

Method: SM 4500 H+ B - pH

Lab Sample ID: 440-221805-A-1 DU **Client Sample ID: Duplicate Matrix: Water** Prep Type: Total/NA

Analysis Batch: 505025

Sample Sample DU DU **RPD** Analyte Result Qualifier Result Qualifier Unit **RPD** Limit 8.2 8.2 SU рН

Method: SM 5540C - Methylene Blue Active Substances (MBAS)

Lab Sample ID: MB 440-504221/3 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504221

MR MR RL **MDL** Unit Analyte Result Qualifier Prepared Analyzed Dil Fac Methylene Blue Active Substances 0.10 0.050 mg/L 10/10/18 18:45 ND

Lab Sample ID: LCS 440-504221/4 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504221

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits D 0.250 0.237 mg/L 95 90 - 110 Methylene Blue Active Substances

Lab Sample ID: 440-221843-Z-1 MS **Client Sample ID: Matrix Spike** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 504221

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits ND F1 0.250 0.375 F1 mg/L 150 50 - 125 Methylene Blue Active

Substances

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Client: ABC Liovin Drilling, Inc. Project/Site: Yurok Indian Tribe

Method: SM 5540C - Methylene Blue Active Substances (MBAS) (Continued)

Lab Sample ID: 440-221843-Z-1 MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 504221

Analysis Batch: 397458

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Methylene Blue Active	ND	F1	0.250	0.391	F1	mg/L		157	50 - 125	4	20

Substances

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-396631/1-A **Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA**

Analysis Batch: 397458 Prep Batch: 396631 Count Total

MB MB Uncert. Uncert. Analyte Result Qualifier $(2\sigma + / -)$ $(2\sigma + / -)$ RI **MDC** Unit Prepared Dil Fac Analyzed <u>10/22/18 12:21</u> <u>10/26/18 05:52</u> Gross Alpha 0.4086 U 0.614 0.616 3.00 1.04 pCi/L **Gross Beta** 0.4953 U 0.500 0.502 4.00 0.800 pCi/L 10/22/18 12:21 10/26/18 05:52

Lab Sample ID: LCS 160-396631/2-A **Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA Analysis Batch: 397458 Prep Batch: 396631**

Total Spike LCS LCS Uncert. %Rec. Analyte Added Result Qual $(2\sigma + / -)$ RL **MDC** Unit Limits %Rec

Gross Alpha 49.8 37.50 5.72 3.00 1.54 pCi/L 75 73 - 133 Lab Sample ID: LCSB 160-396631/3-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Total Spike LCSB LCSB Uncert. %Rec.

Analyte Added Result Qual $(2\sigma + / -)$ RL **MDC** Unit %Rec Limits Gross Beta 4.00 0.805 pCi/L 75 - 125 87.5 85.45 9.07

Lab Sample ID: 240-101318-A-2-E MS Client Sample ID: Matrix Spike **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 397457 Prep Batch: 396631

Total %Rec. Sample Sample **Spike** MS MS Uncert. Analyte Result Qual Added Result Qual $(2\sigma + / -)$ RL MDC Unit %Rec Limits 13.5 U G 498 3.00 19.0 pCi/L 60 - 140 Gross Alpha 369.5 59.7 72

Lab Sample ID: 240-101318-A-2-F MSBT Client Sample ID: Matrix Spike

Matrix: Water Prep Type: Total/NA **Analysis Batch: 397457 Prep Batch: 396631**

				iotai					
	Sample Samp	ole Spike	MSBT MSI	BT Uncert.				%Rec.	
Analyte	Result Qual	Added	Result Qua	al (2σ+/-)	RL	MDC Unit	%Rec	Limits	
Gross Beta	3.81 U G	875	872.6 G	92.6	4.00	8.73 pCi/L	99	60 - 140	

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Prep Batch: 396631

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity (Continued)

Lab Sample ID: 240-101318-A-2-D DU **Client Sample ID: Duplicate Matrix: Water** Prep Type: Total/NA

Analysis Batch: 397457 Prep Batch: 396631

					Total						
	Sample	Sample	DU	DU	Uncert.						RER
Analyte	Result	Qual	Result	Qual	(2σ+/-)	RL	MDC	Unit		RER	Limit
Gross Alpha	13.5	UG	20.19	G	13.7	3.00	18.7	pCi/L	 	0.26	1
Gross Beta	3.81	U G	7.315	UG	5.97	4.00	8.91	pCi/L		0.30	1

Method: 903.0 - Radium-226 (GFPC)

Ba Carrier

Ba Carrier

98.2

Lab Sample ID: MB 160-394895/23-A **Client Sample ID: Method Blank** Prep Type: Total/NA **Matrix: Water Analysis Batch: 399234 Prep Batch: 394895**

	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.4886		0.188	0.193	1.00	0.185	pCi/L	10/12/18 13:48	11/05/18 14:20	1

Total

MB MB Carrier Limits Prepared Dil Fac **%Yield Qualifier** Analyzed Ba Carrier 98.8 40 - 110 10/12/18 13:48 11/05/18 14:20

Lab Sample ID: LCS 160-394895/1-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 399232 Prep Batch: 394895

				Total					
	Spike	LCS	LCS	Uncert.				%Rec.	
Analyte	Added	Result	Qual	(2σ+/-)	RL	MDC Unit	%Rec	Limits	
Radium-226	22.7	21.23		2.19	1.00	0.189 pCi/L	93	68 - 137	 _

LCS LCS Carrier **%Yield Qualifier** Limits

40 - 110

40 - 110

Count

Lab Sample ID: LCSD 160-394895/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 399232 Prep Batch: 394895 Total Spike LCSD LCSD Uncert. %Rec. **RER MDC** Unit Added RL Limits

Analyte Result Qual $(2\sigma + / -)$ %Rec RER Limit Radium-226 2.08 68 - 137 22.7 19.98 1.00 0.188 pCi/L 88 0.29 LCSD LCSD Carrier %Yield Qualifier Limits

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: I	MB 160-394900/23-A
Matrix: Water	

Analysis Batch: 397302

Client Sample ID: Method Blank Prep Type: Total/NA **Prep Batch: 394900**

			Count	i Ulai					
	MB	MB	Uncert.	Uncert.					
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC Un	nit Prepared	Analyzed	Dil Fac
Radium-228	0.3878	U	0.474	0.475	1.00	0.784 pC	Ci/L 10/12/18 14:07	10/25/18 17:14	1

	MB	MB				
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	98.8		40 - 110	10/12/18 14:07	10/25/18 17:14	1
Y Carrier	84.1		40 - 110	10/12/18 14:07	10/25/18 17:14	1

Lab Sample ID: LCS 160-394900/1-A

Matrix: Water

Analysis Batch: 397304

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 394900

LCS	Uncert.				%Rec.
0	(0 - ()				
Qual	(2σ+/-)	RL	MDC Unit	%Rec	Limits
	1.82	1.00	0.722 pCi/L	80	56 - 140
	guui	<u> </u>	<u> </u>		

	LUS	LUS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	100		40 - 110
Y Carrier	85.2		40 - 110

Lab Sample ID: LCSD 160-394900/2-A

Matrix: Water

Analysis Batch: 397304

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 394900

				Total						
	Spike	LCSD	LCSD	Uncert.				%Rec.		RER
Analyte	Added	Result	Qual	(2σ+/-)	RL	MDC Unit	%Rec	Limits	RER	Limit
Radium-228	18.6	14.69		1.80	1.00	0.722 pCi/L	79	56 - 140	0.04	1

	LCSD	LCSD	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	98.2		40 - 110
Y Carrier	89.0		40 - 110

Method: 905 - Strontium-90 (GFPC)

Lab Sample ID: MB 160-399937/5-A **Client Sample ID: Method Blank Matrix: Water** Prep Type: Total/NA Analysis Ratch: 401873

Analysis Batch: 40	1873		Count	Total					Prep Batch: 3	399937
	MB	MB	Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Strontium-90	0.1477	U	0.240	0.240	3.00	0.405	pCi/L	11/07/18 14:34	11/20/18 11:03	1
	МВ	МВ								
On weign	0/1/:-1-1	O	1 : :4-					Duamanad	A L	D:/ E

	IVIB	IVIB			
Carrier	%Yield	Qualifier	Limits	Prepared Analyzed	Dil Fac
Sr Carrier	84.7		40 - 110	11/07/18 14:34 11/20/18 11:03	1
Y Carrier	95.0		40 - 110	11/07/18 14:34 11/20/18 11:03	1

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Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA **Prep Batch: 399937**

Prep Type: Total/NA

Client: ABC Liovin Drilling, Inc. Project/Site: Yurok Indian Tribe

Method: 905 - Strontium-90 (GFPC) (Continued)

Lab Sample ID: LCS 160-399937/1-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA **Analysis Batch: 401873 Prep Batch: 399937** Total

Spike LCS LCS Uncert. %Rec. **Analyte** Added Result Qual $(2\sigma + / -)$ RL MDC Unit %Rec Limits Strontium-90 10.9 11.09 3.00 0.497 pCi/L 102 75 - 125 1.19

LCS LCS Carrier %Yield Qualifier I imits Sr Carrier 80.7 40 - 110 Y Carrier 96.8 40 - 110

Lab Sample ID: LCSD 160-399937/2-A

Matrix: Water

Analysis Batch: 401873

Total **Spike** LCSD LCSD Uncert. %Rec. **RER Analyte** Added Result Qual $(2\sigma + / -)$ RL **MDC** Unit %Rec Limits Limit RER Strontium-90 10.9 12.85 1.35 3.00 0.481 pCi/L 118 75 - 125 0.69

LCSD LCSD Carrier %Yield Qualifier Limits Sr Carrier 74.7 40 - 110 Y Carrier 94.6 40 - 110

Method: 906.0 - Tritium, Total (LSC)

Lab Sample ID: MB 160-400768/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 40	1006								Prep Batch:	400768	
			Count	Total					-		
	MB	MB	Uncert.	Uncert.							
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
Tritium	-40 99	U	152	152	500	278	nCi/l	11/13/18 13:32	11/13/18 18:49	1	

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 160-400768/2-A **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 401006 Prep Batch: 400768

Total LCS LCS **Spike** Uncert. %Rec. Analyte Added Result Qual $(2\sigma + / -)$ RL**MDC** Unit %Rec Limits Tritium 2680 2719 422 500 299 pCi/L 101 74 - 114

Client Sample ID: Matrix Spike Lab Sample ID: 160-31327-B-8-D MS **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 401006 Prep Batch: 400768 Total

Sample Sample Spike MS MS Uncert. %Rec. Result Qual Added $(2\sigma + / -)$ RL**MDC** Unit Limits Analyte Result Qual %Rec Tritium 192 U 2680 2728 421 500 297 pCi/L 95 67 - 130

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QC Sample Results

DU DU

Result Qual

41.89 U

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

Analysis Batch: 401006

Matrix: Water

Analyte

Tritium

Lab Sample ID: 160-31610-A-1-C DU

Sample Sample

Result Qual

42.8 U

TestAmerica Job ID: 440-221856-1

Method: 906.0 - Tritium, Total (LSC) (Continued)

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 400768

Total

500

168

Uncert. RER $(2\sigma + /-)$ RL MDC Unit RER Limit

296 pCi/L

 $-\frac{RER}{0}\frac{Emit}{1}$

8

10

4.0

13

15

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

GC/MS VOA

Analysis Batch: 505574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	524.2	
MB 440-505574/6	Method Blank	Total/NA	Water	524.2	
LCS 440-505574/1002	Lab Control Sample	Total/NA	Water	524.2	
440-221537-F-3 MS	Matrix Spike	Total/NA	Water	524.2	
440-221537-F-3 MSD	Matrix Spike Duplicate	Total/NA	Water	524.2	

GC/MS Semi VOA

Analysis Batch: 543200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	548.1	543221
MB 680-543221/9-A	Method Blank	Total/NA	Water	548.1	543221
LCSD 680-543221/11-A	Lab Control Sample Dup	Total/NA	Water	548.1	543221
500-152940-I-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	548.1	543221
500-152940-J-1-B MS	Matrix Spike	Total/NA	Water	548.1	543221

Prep Batch: 543221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	548.1	
MB 680-543221/9-A	Method Blank	Total/NA	Water	548.1	
LCS 680-543221/10-A	Lab Control Sample	Total/NA	Water	548.1	
LCSD 680-543221/11-A	Lab Control Sample Dup	Total/NA	Water	548.1	
500-152940-I-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	548.1	
500-152940-J-1-B MS	Matrix Spike	Total/NA	Water	548.1	

Analysis Batch: 543400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-543221/10-A	Lab Control Sample	Total/NA	Water	548.1	543221

GC Semi VOA

Prep Batch: 543120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	504.1	
MB 680-543120/3-A	Method Blank	Total/NA	Water	504.1	
LCS 680-543120/4-A	Lab Control Sample	Total/NA	Water	504.1	
LCSD 680-543120/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	
500-152940-D-1-B MS	Matrix Spike	Total/NA	Water	504.1	
500-152940-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	504.1	

Analysis Batch: 543132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	504.1	543120
MB 680-543120/3-A	Method Blank	Total/NA	Water	504.1	543120
LCS 680-543120/4-A	Lab Control Sample	Total/NA	Water	504.1	543120
LCSD 680-543120/5-A	Lab Control Sample Dup	Total/NA	Water	504.1	543120
500-152940-D-1-B MS	Matrix Spike	Total/NA	Water	504.1	543120
500-152940-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	504.1	543120

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

GC Semi VOA (Continued)

Prep Batch: 543399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	515.1	
MB 680-543399/20-A	Method Blank	Total/NA	Water	515.1	
LCS 680-543399/21-A	Lab Control Sample	Total/NA	Water	515.1	
680-159093-I-6-A MS	Matrix Spike	Total/NA	Water	515.1	
680-159093-L-6-B MSD	Matrix Spike Duplicate	Total/NA	Water	515.1	

Prep Batch: 543506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	552.2	
MB 680-543506/21-A	Method Blank	Total/NA	Water	552.2	
LCS 680-543506/22-A	Lab Control Sample	Total/NA	Water	552.2	
680-159178-A-2-B MS	Matrix Spike	Total/NA	Water	552.2	
680-159178-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	552.2	

Analysis Batch: 543648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	552.2	543506
MB 680-543506/21-A	Method Blank	Total/NA	Water	552.2	543506
LCS 680-543506/22-A	Lab Control Sample	Total/NA	Water	552.2	543506
680-159178-A-2-B MS	Matrix Spike	Total/NA	Water	552.2	543506
680-159178-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	552.2	543506

Analysis Batch: 543801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	515.1	543399
MB 680-543399/20-A	Method Blank	Total/NA	Water	515.1	543399
LCS 680-543399/21-A	Lab Control Sample	Total/NA	Water	515.1	543399
680-159093-I-6-A MS	Matrix Spike	Total/NA	Water	515.1	543399
680-159093-L-6-B MSD	Matrix Spike Duplicate	Total/NA	Water	515.1	543399

HPLC/IC

Analysis Batch: 504025

Lab Sample ID 440-221856-1 MB 440-504025/6 LCS 440-504025/5	Client Sample ID Well #4 Method Blank Lab Control Sample	Prep Type Total/NA Total/NA Total/NA	Matrix Water Water Water	Method 300.0 300.0 300.0	Prep Batch
440-221856-1 MS 440-221856-1 MSD	Well #4 Well #4	Total/NA Total/NA Total/NA	Water Water	300.0 300.0 300.0	

Analysis Batch: 504026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	300.0	
MB 440-504026/6	Method Blank	Total/NA	Water	300.0	
LCS 440-504026/5	Lab Control Sample	Total/NA	Water	300.0	
440-221856-1 MS	Well #4	Total/NA	Water	300.0	
440-221856-1 MSD	Well #4	Total/NA	Water	300.0	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

TestAmerica Job ID: 440-221856-1

HPLC/IC (Continued)

Analysis Batch: 504255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	300.1B	
MB 440-504255/8	Method Blank	Total/NA	Water	300.1B	
LCS 440-504255/7	Lab Control Sample	Total/NA	Water	300.1B	
MRL 440-504255/3	Lab Control Sample	Total/NA	Water	300.1B	
440-221844-A-2 MS	Matrix Spike	Total/NA	Water	300.1B	
440-221844-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.1B	

Analysis Batch: 504264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	300.1B	-
MB 440-504264/8	Method Blank	Total/NA	Water	300.1B	
LCS 440-504264/7	Lab Control Sample	Total/NA	Water	300.1B	
MRL 440-504264/3	Lab Control Sample	Total/NA	Water	300.1B	
440-221844-A-2 MS	Matrix Spike	Total/NA	Water	300.1B	
440-221844-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.1B	

Analysis Batch: 509452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	314.0 LL	
MB 440-509452/6	Method Blank	Total/NA	Water	314.0 LL	
LCS 440-509452/5	Lab Control Sample	Total/NA	Water	314.0 LL	
MRL 440-509452/4	Lab Control Sample	Total/NA	Water	314.0 LL	
440-221856-1 MS	Well #4	Total/NA	Water	314.0 LL	
440-221856-1 MSD	Well #4	Total/NA	Water	314.0 LL	

Prep Batch: 543364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	549.2	
MB 680-543364/15-A	Method Blank	Total/NA	Water	549.2	
LCS 680-543364/16-A	Lab Control Sample	Total/NA	Water	549.2	
LCSD 680-543364/17-A	Lab Control Sample Dup	Total/NA	Water	549.2	
440-221843-AF-1-B MS	Matrix Spike	Total/NA	Water	549.2	
440-221843-AF-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	549.2	

Analysis Batch: 543770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	549.2	543364
MB 680-543364/15-A	Method Blank	Total/NA	Water	549.2	543364
LCS 680-543364/16-A	Lab Control Sample	Total/NA	Water	549.2	543364
LCSD 680-543364/17-A	Lab Control Sample Dup	Total/NA	Water	549.2	543364
440-221843-AF-1-B MS	Matrix Spike	Total/NA	Water	549.2	543364
440-221843-AF-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	549.2	543364

Specialty Organics

Prep Batch: 252729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	HRMS-Sep	<u> </u>
MB 320-252729/1-A	Method Blank	Total/NA	Water	HRMS-Sep	
LCS 320-252729/2-A	Lab Control Sample	Total/NA	Water	HRMS-Sep	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Specialty Organics (Continued)

Prep Batch: 252729 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 320-252729/3-A	Lab Control Sample Dup	Total/NA	Water	HRMS-Sep	

Analysis Batch: 253013

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method I	Prep Batch
- 2	140-221856-1	Well #4	Total/NA	Water	1613B	252729
ı	MB 320-252729/1-A	Method Blank	Total/NA	Water	1613B	252729
I	_CS 320-252729/2-A	Lab Control Sample	Total/NA	Water	1613B	252729
l	_CSD 320-252729/3-A	Lab Control Sample Dup	Total/NA	Water	1613B	252729

Metals

Prep Batch: 504328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total Recoverable	Water	200.2	
MB 440-504328/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 440-504328/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
440-221832-E-1-B MS	Matrix Spike	Total Recoverable	Water	200.2	
440-221832-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.2	
440-221832-E-11-B MS	Matrix Spike	Total Recoverable	Water	200.2	
440-221832-E-11-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.2	

Prep Batch: 504339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total Recoverable	Water	200.2	
MB 440-504339/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 440-504339/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
440-221738-A-2-B MS ^5	Matrix Spike	Total Recoverable	Water	200.2	
440-221738-A-2-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	200.2	

Prep Batch: 504373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	245.1	
MB 440-504373/1-A	Method Blank	Total/NA	Water	245.1	
LCS 440-504373/2-A	Lab Control Sample	Total/NA	Water	245.1	
440-221313-R-1-C MS	Matrix Spike	Total/NA	Water	245.1	
440-221313-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Analysis Batch: 504550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total Recoverable	Water	200.8	504339
MB 440-504339/1-A	Method Blank	Total Recoverable	Water	200.8	504339
LCS 440-504339/2-A	Lab Control Sample	Total Recoverable	Water	200.8	504339
440-221738-A-2-B MS ^5	Matrix Spike	Total Recoverable	Water	200.8	504339
440-221738-A-2-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	200.8	504339

Analysis Batch: 504551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total Recoverable	Water	SM 2340B	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Metals (Continued)

Analysis Batch: 504722

I	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	440-221856-1	Well #4	Total Recoverable	Water	200.7 Rev 4.4	504328
	MB 440-504328/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	504328
	LCS 440-504328/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	504328
	440-221832-E-11-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	504328
	440-221832-E-11-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	504328

Analysis Batch: 504791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	245.1	504373
MB 440-504373/1-A	Method Blank	Total/NA	Water	245.1	504373
LCS 440-504373/2-A	Lab Control Sample	Total/NA	Water	245.1	504373
440-221313-R-1-C MS	Matrix Spike	Total/NA	Water	245.1	504373
440-221313-R-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	504373

Analysis Batch: 504872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total Recoverable	Water	200.7 Rev 4.4	504328
MB 440-504328/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	504328
LCS 440-504328/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	504328
440-221832-E-1-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	504328
440-221832-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	504328

General Chemistry

Analysis Batch: 504165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 2120B	
440-221843-AN-1 DU	Duplicate	Total/NA	Water	SM 2120B	

Analysis Batch: 504221

Lab Samp	ole ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-22185	56-1	Well #4	Total/NA	Water	SM 5540C	_
MB 440-50	04221/3	Method Blank	Total/NA	Water	SM 5540C	
LCS 440-5	504221/4	Lab Control Sample	Total/NA	Water	SM 5540C	
440-22184	43-Z-1 MS	Matrix Spike	Total/NA	Water	SM 5540C	
440-22184	43-Z-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5540C	

Analysis Batch: 504231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 2130B	
MB 440-504231/5	Method Blank	Total/NA	Water	SM 2130B	
MRL 440-504231/4	Lab Control Sample	Total/NA	Water	SM 2130B	
440-221847-D-1 DU	Duplicate	Total/NA	Water	SM 2130B	

Analysis Batch: 504581

Lab Sam	ple ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-2218	356-1	Well #4	Total/NA	Water	SM 2540C	
MB 440-5	504581/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-	-504581/2	Lab Control Sample	Total/NA	Water	SM 2540C	
440-2218	840-B-11 DU	Duplicate	Total/NA	Water	SM 2540C	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

General Chemistry (Continued)

Analysis Batch: 504681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 4500 F C	
MB 440-504681/10	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 440-504681/9	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MRL 440-504681/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
440-221785-D-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
440-221785-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Prep Batch: 504799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	Distill/CN	
MB 440-504799/1-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 440-504799/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
440-221856-1 MS	Well #4	Total/NA	Water	Distill/CN	
440-221856-1 MSD	Well #4	Total/NA	Water	Distill/CN	

Analysis Batch: 504894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 4500 CN E	504799
MB 440-504799/1-A	Method Blank	Total/NA	Water	SM 4500 CN E	504799
LCS 440-504799/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	504799
440-221856-1 MS	Well #4	Total/NA	Water	SM 4500 CN E	504799
440-221856-1 MSD	Well #4	Total/NA	Water	SM 4500 CN E	504799

Analysis Batch: 504984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 2320B	
MB 440-504984/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 440-504984/2	Lab Control Sample	Total/NA	Water	SM 2320B	
440-221933-B-7 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 505025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 4500 H+ B	
440-221805-A-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 505785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 2150B	
MB 440-505785/1	Method Blank	Total/NA	Water	SM 2150B	

Analysis Batch: 506936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 4500 CI G	
MB 440-506936/4	Method Blank	Total/NA	Water	SM 4500 CI G	
MRL 440-506936/3	Lab Control Sample	Total/NA	Water	SM 4500 CI G	
440-221843-AM-1 DU	Duplicate	Total/NA	Water	SM 4500 CI G	

Analysis Batch: 506957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 2330B	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

General Chemistry (Continued)

Analysis Batch: 509506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 2510B
MB 440-509506/3	Method Blank	Total/NA	Water	SM 2510B
LCS 440-509506/4	Lab Control Sample	Total/NA	Water	SM 2510B
440-221856-1 DU	Well #4	Total/NA	Water	SM 2510B

Analysis Batch: 509574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	Agressive Index	

Rad

Prep Batch: 394895

Lab Sample ID 440-221856-1	Client Sample ID Well #4	Prep Type Total/NA	Matrix Water	Method PrecSep-21	Prep Batch
MB 160-394895/23-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-394895/1-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-394895/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 394900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	PrecSep_0	
MB 160-394900/23-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-394900/1-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-394900/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 396631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	Evaporation	
MB 160-396631/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-396631/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-396631/3-A	Lab Control Sample	Total/NA	Water	Evaporation	
240-101318-A-2-E MS	Matrix Spike	Total/NA	Water	Evaporation	
240-101318-A-2-F MSBT	Matrix Spike	Total/NA	Water	Evaporation	
240-101318-A-2-D DU	Duplicate	Total/NA	Water	Evaporation	

Prep Batch: 399937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	PrecSep-7	
MB 160-399937/5-A	Method Blank	Total/NA	Water	PrecSep-7	
LCS 160-399937/1-A	Lab Control Sample	Total/NA	Water	PrecSep-7	
LCSD 160-399937/2-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-7	

Prep Batch: 400768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batc	h
440-221856-1	Well #4	Total/NA	Water	LSC_Dist_Susp	_
MB 160-400768/1-A	Method Blank	Total/NA	Water	LSC_Dist_Susp	
LCS 160-400768/2-A	Lab Control Sample	Total/NA	Water	LSC_Dist_Susp	
160-31327-B-8-D MS	Matrix Spike	Total/NA	Water	LSC_Dist_Susp	
160-31610-A-1-C DU	Duplicate	Total/NA	Water	LSC_Dist_Susp	

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Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Biology

Analysis Batch: 505254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SimPlate	

Analysis Batch: 505332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-221856-1	Well #4	Total/NA	Water	SM 9223	

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Definitions/Glossary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Qualifiers

GC/MS Semi VOA

Qualifier Description
RPD of the LCS and LCSD exceeds the control limits
MS and/or MSD Recovery is outside acceptance limits.
Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F1	MS and/or MSD Recovery is outside acceptance limits.
Χ	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals	

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not
	applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
В	Compound was found in the blank and sample.
Company	h and the contraction of the con

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.
G	The Sample MDC is greater than the requested RL.

Biology

Qualifier	Qualifier Description
Н	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)

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Definitions/Glossary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe

TestAmerica Job ID: 440-221856-1

Glossary (Continued)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit ML Minimum Level (Dioxin) NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)	Abbreviation	These commonly used abbreviations may or may not be present in this report.
LOQ Limit of Quantitation (DoD/DOE) MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit ML Minimum Level (Dioxin) NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	EDL	Estimated Detection Limit (Dioxin)
MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit ML Minimum Level (Dioxin) NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	LOD	Limit of Detection (DoD/DOE)
MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit ML Minimum Level (Dioxin) NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	LOQ	Limit of Quantitation (DoD/DOE)
MDL Method Detection Limit ML Minimum Level (Dioxin) NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	MDA	Minimum Detectable Activity (Radiochemistry)
ML Minimum Level (Dioxin) NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	MDC	Minimum Detectable Concentration (Radiochemistry)
NC Not Calculated ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	MDL	Method Detection Limit
ND Not Detected at the reporting limit (or MDL or EDL if shown) PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	ML	Minimum Level (Dioxin)
PQL Practical Quantitation Limit QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	NC	Not Calculated
QC Quality Control RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	ND	Not Detected at the reporting limit (or MDL or EDL if shown)
RER Relative Error Ratio (Radiochemistry) RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	PQL	Practical Quantitation Limit
RL Reporting Limit or Requested Limit (Radiochemistry) RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	QC	Quality Control
RPD Relative Percent Difference, a measure of the relative difference between two points TEF Toxicity Equivalent Factor (Dioxin)	RER	Relative Error Ratio (Radiochemistry)
TEF Toxicity Equivalent Factor (Dioxin)	RL	Reporting Limit or Requested Limit (Radiochemistry)
	RPD	Relative Percent Difference, a measure of the relative difference between two points
TEQ Toxicity Equivalent Quotient (Dioxin)	TEF	Toxicity Equivalent Factor (Dioxin)
	TEQ	Toxicity Equivalent Quotient (Dioxin)

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Accreditation/Certification Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-19
Arizona	State Program	9	AZ0671	10-14-19
California	LA Cty Sanitation Districts	9	10256	06-30-19
California	State Program	9	CA ELAP 2706	06-30-19
Guam	State Program	9	Cert. No. 17-003R	01-23-19
Hawaii	State Program	9	N/A	01-29-19
Kansas	NELAP	7	E-10420	07-31-19
Nevada	State Program	9	CA015312018-1	07-31-19
New Mexico	State Program	6	N/A	01-29-19
Oregon	NELAP	10	4028	01-29-19
US Fish & Wildlife	Federal		058448	07-31-19
USDA	Federal		P330-18-00214	07-09-21
Washington	State Program	10	C900	09-03-19

Laboratory: TestAmerica Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska (UST)	State Program	10	17-020	01-20-21
ANAB	DoD ELAP		L2468	01-20-21
Arizona	State Program	9	AZ0708	08-11-19
Arkansas DEQ	State Program	6	88-0691	06-17-19
California	State Program	9	2897	01-31-19
Colorado	State Program	8	CA00044	08-31-19
Connecticut	State Program	1	PH-0691	06-30-19
Florida	NELAP	4	E87570	06-30-19
Georgia	State Program	4	N/A	01-28-19
Hawaii	State Program	9	N/A	01-29-19
Illinois	NELAP	5	200060	03-17-19
Kansas	NELAP	7	E-10375	11-30-18
Louisiana	NELAP	6	30612	06-30-19
Maine	State Program	1	CA0004	04-14-20
Michigan	State Program	5	9947	01-31-20
Nevada	State Program	9	CA00044	07-31-19
New Hampshire	NELAP	1	2997	04-18-19
New Jersey	NELAP	2	CA005	06-30-19
New York	NELAP	2	11666	03-31-19
Oregon	NELAP	10	4040	01-29-19
Pennsylvania	NELAP	3	68-01272	03-31-19
Texas	NELAP	6	T104704399	05-31-19
US Fish & Wildlife	Federal		LE148388-0	07-31-19
USDA	Federal		P330-18-00239	01-17-21
USEPA UCMR	Federal	1	CA00044	12-31-20
Utah	NELAP	8	CA00044	02-28-19
Vermont	State Program	1	VT-4040	04-30-19
Virginia	NELAP	3	460278	03-14-19
Washington	State Program	10	C581	05-05-19
West Virginia (DW)	State Program	3	9930C	12-31-18
Wyoming	State Program	8	8TMS-L	01-28-19

Laboratory: TestAmerica Savannah

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Accreditation/Certification Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Laboratory: TestAmerica Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date	
	AFCEE		SAVLAB		
Alabama	State Program	4	41450	06-30-19	
Alaska	State Program	10		06-30-19	
Alaska (UST)	State Program	10	UST-104	09-22-19	
ANAB	DoD ELAP		L2463	09-22-19	
ANAB	ISO/IEC 17025		L2463.01	09-22-19	
Arizona	State Program	9	AZ0808	12-14-18	
Arkansas DEQ	State Program	6	88-0692	02-01-19	
California	State Program	9	2939	06-30-19	
Colorado	State Program	8	N/A	12-31-18	
Connecticut	State Program	1	PH-0161	03-31-19	
Florida	NELAP	4	E87052	06-30-19	
GA Dept. of Agriculture	State Program	4	N/A	06-12-19	
Georgia	State Program	4	N/A	06-30-19	
Guam	State Program	9	15-005r	04-17-19	
Hawaii	State Program	9	N/A	06-30-19	
Illinois	NELAP	5	200022	11-30-18	
Indiana	State Program	5	N/A	06-30-19	
lowa	State Program	7	353	06-30-19	
Kentucky (DW)	State Program	4	90084	12-31-18	
Kentucky (UST)	State Program	4	18	06-30-19	
Kentucky (WW)	State Program	4	90084	12-31-18 *	
Louisiana	NELAP	6	30690	06-30-19	
Louisiana (DW)	NELAP	6	LA160019	12-31-18	
Maine		1	GA00006	09-25-20	
Maryland	State Program	3	250	12-31-18	
Massachusetts	State Program	1	M-GA006	06-30-19	
	State Program	5		03-05-19	
Michigan Michigan	State Program		9925 N/A	06-30-19	
Mississippi	State Program	4			
Nebraska	State Program	7	TestAmerica-Savannah	06-30-19	
New Jersey	NELAP	2	GA769	06-30-19	
New Mexico	State Program	6	N/A	06-30-19	
New York	NELAP	2	10842	03-31-19	
North Carolina (DW)	State Program	4	13701	07-31-19	
North Carolina (WW/SW)	State Program	4	269	12-31-18	
Oklahoma	State Program	6	9984	08-31-19	
Pennsylvania	NELAP	3	68-00474	06-30-19	
Puerto Rico	State Program	2	GA00006	12-31-18	
South Carolina	State Program	4	98001	06-30-18 *	
Tennessee	State Program	4	TN02961	06-30-19	
Texas	NELAP	6	T104704185-16-9	11-30-18	
Texas (DW)	State Program	1	T104704185	06-30-19	
US Fish & Wildlife	Federal		LE058448-0	07-31-19	
Virginia	NELAP	3	460161	06-14-19	
Washington	State Program	10	C805	06-10-19	
West Virginia (DW)	State Program	3	9950C	12-31-18	
West Virginia DEP	State Program	3	094	06-30-19	
Wisconsin	State Program	5	999819810	08-31-19	
Wyoming	State Program	8	8TMS-L	06-30-16 *	

^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Page 51 of 79 11/27/2018

Accreditation/Certification Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Laboratory: TestAmerica St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	MO00054	06-30-19
ANAB	DoD ELAP		L2305	04-06-19
Arizona	State Program	9	AZ0813	12-08-18 *
California	State Program	9	2886	06-30-19
Connecticut	State Program	1	PH-0241	03-31-19
Florida	NELAP	4	E87689	06-30-19
Illinois	NELAP	5	200023	11-30-18 *
lowa	State Program	7	373	12-01-18 *
Kansas	NELAP	7	E-10236	10-31-18 *
Kentucky (DW)	State Program	4	90125	12-31-18
Louisiana	NELAP	6	04080	06-30-19
Louisiana (DW)	NELAP	6	LA180017	12-31-18 *
Maryland	State Program	3	310	09-30-19
Michigan	State Program	5	9005	06-30-18 *
Missouri	State Program	7	780	06-30-19
Nevada	State Program	9	MO000542018-1	07-31-19
New Jersey	NELAP	2	MO002	06-30-19
New York	NELAP	2	11616	03-31-19
North Dakota	State Program	8	R207	06-30-19
NRC	NRC		24-24817-01	12-31-22
Oklahoma	State Program	6	9997	08-31-19
Pennsylvania	NELAP	3	68-00540	02-28-19
South Carolina	State Program	4	85002001	06-30-19
Texas	NELAP	6	T104704193-18-12	07-31-19
US Fish & Wildlife	Federal		058448	07-31-19
USDA	Federal		P330-17-0028	02-02-20
Utah	NELAP	8	MO000542018-10	07-31-19
Virginia	NELAP	3	460230	06-14-19
Washington	State Program	10	C592	08-30-19
West Virginia DEP	State Program	3	381	08-31-19

TestAmerica Irvine

^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.



321823651-0001

LA Testing

520 Mission Street South Pasadena, CA 91030 Phone/Fax: (323) 254-9960 / (323) 254-9982

http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 321823651

Customer ID: TEST72

Customer PO: Project ID:

Attn: Rossina Tomova

TestAmerica - Irvine, CA 17461 Derian Avenue

Suite 100

Irvine, CA 92614

Proj: #44021315-Yurok Indian Tribe

Phone: (949) 261-1022 Fax: (949) 260-3297 Collected: 10/09/2018

Received: 10/11/2018 Analyzed: 10/25/2018

Analyzed: 10/25/2018

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

ASBESTO

						Α,	ASBESTOS							
Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered	Effective Filter Area	Area Analyzed	Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits					
GG		(ml) (mm²) (i	(mm²)			MFL (million fibers per liter)								
Well #4 (440-221856-1)	10/15/2018 02:25 PM	30	1288	0.2193	None Detected	ND	0.20	<0.20	0.00 - 0.72					

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

16

Analyst(s)

Kyeong Corbin

Jerry Drapala Ph.D, Laboratory Manager or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 10/25/2018 07:59:45

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10um. ND=None Detected. This report relates only to those items tested. This report may not be reproduced, except in full, without written permission by LA Testing. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

(1)

TestAmerica Irvine

17461 Derian Ave Suite 100 Irvine, CA 92614-5817

Chain of Custody Record





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113		MATERIAL PROPERTY.			CONTRACT	mín	r.	CHAIN	CONTROL	
	CONTRACTOR IN	opposition to					-	333-AW-602	MINISTER.	
TH	F LEAD	ER M	ENV	₹RQI	IME	AT.	í.	7115	BNG	

Phone (949) 261-1022 Fax (949) 260-3297							<u>v</u>	<u>ال</u>	ĮΟ`.	<i>J</i> *}									THE LEADER IN E	NVIROHMENTAL	TESTING
Client Information (Sub Contract Lab)	Sampler:				Lab PM Tomo		lossin	na D					Carri	ier Tra	racking No(s):				GOC No: 440-127613.1		
Shipping/Receiving	Phone;					ıa.ton					c.com			of Ori					Page: Page 1 of 1		
Company: Weck Laboratories, Inc.					/	Accreditations Required (See note): Job #: 440-221856-1										-					
Address: 14859 East Clark Avenue, ,	Due Date Request 10/22/2018	ed:								An	alysi	s Red	ues	sted					Preservation Co	des: M - Hexane	
City: City of Industry	TAT Requested (d	ays):						(sp.							ŀ			Si.	B - NaOH C - Zn Acetate	N - None O - AsNaO2	
Stale, Zip: CA, 917451396								Compounds											D - Nitric Acid E - NaHSO4 F - MeOH	P - Na2O4S Q - Na2SO3 R - Na2S2O3	
Phone:	PO#:	#,				^ *		nic Cc		Ì								178	G - Amehlor H - Ascerble Acid	S - H2SO4 T - TSP Dodec	ahydrate
Email: -	WO #:	O#:				ves or No	PCBs)	e Organic		اڇ	ŀ							1800 1800	I - Ice J - Di Water	U - Acetone V - MCAA	·
Project Name: Yurok Indian Tribe	Project #: 44021315					e de	ides &	Semivolatile	547 - Glyphosate)	Сагрататея								ntaine	K - EDTA L - EDA	W - pH 4-5 Z - other (speci	fy)
Site:	SSOW#;					SD	Pestic		Glyph	Cart								o to	Other:		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time		Matri: (W=wate S=solid, O=waste/o BT=Tissue, A	or, l, oil, \=Air)	Field Filtered :	SUB (EPA 508 -	SUB (EPA 525.2	SUB (EPA	SUB (EPA 531.1 -								Total Number	Special Ir	structions/No	ote;
	がシール選挙		Preserva	tion Cod	ere 2	\sqrt{X}				**		<i>i</i>	1		鑿	100	5 3	X	B-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	A. 24 Jan. 12	
Well #4 (440-221856-1)	10/9/18	10:00 Pacific		Wate	r		Х	х	Х	х	+							70			
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Note: Since laboratory accreditations are subject to change, TestAmerica Laborato currently maintain accreditation in the State of Origin listed above for analysis/tests Laboratories, Inc. attention immediately. If all requested accreditations are current	/matrix being analyz	ed, the sample	s must be ship	ped back to	o the T	es t Am	erica la	aborate	ory or	other i	nstructio	ns will b									
Possible Hazard Identification						Sai	i i			•	ee ma	·					are re		ed longer than 1	month)	
Unconfirmed Deliyerable Requested: I, II, III, IV, Other (specify)						Spe		<i>eturn</i> Instru			Regu	iremen		sal By	/ Lab			Arch	ive For	Months	
Empty KlifReiinquished by:		Mate:			Іт	ime:					7,044	,, 0,, 101		Metho	of S	nipmen	t:				
Relinghished	PHOTON	TOHO) न		N		Recei	ived by	/: 		7	fedt	;>-)ate/Tlr				Company	
Relinquished by Feder	Date/kime:	Ü		Company	•		Recei	ved by	″ <u>}</u> (W	gwe	٨.			Ī	ate/Tir	ne: Į O _i	ufs	B 1000	Company (lak
Relinquished by:	Date/Time:			Company			j .	ved by							- 1	ate/Tir	ne:		· · · · · · · · · · · · · · · · · · ·	Company	
Custody Seals Intact: Custody Seal No.;							Coole	r Tem	peratu	re(s) °	C and O	ther Rer	narks	4.	gr						



FINAL REPORT

Work Orders: 8J11037

Report Date: 11/07/2018

Received Date: 10/11/2018

Turnaround Time: Normal

Phones: (949) 260-3276

Fax: (949) 260-3297

P.O. #:

Billing Code:

Attn: Rossina Tomova

Project: 440-221856-1

Client: TestAmerica - Irvine CA

17461 Derian Ave, Suite 100

Irvine, CA 92614

Dear Rossina Tomova,

Enclosed are the results of analyses for samples received 10/11/18 with the Chain-of-Custody document. The samples were received in good condition, at 4.8 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

XX

Sample Results

Sample: Well #4 (440-221856-1) Sampled: 10/09/18 10:00 by Client

8J11037-01 (Water)							
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifi
Method: EPA 508	Batch ID: W8J0902	Instr: GC07	Prepared: 1	10/15/18 08:32		Analyst: rmr	
4,4'-DDD		ND	0.010	ug/l	1	10/22/18 19:57	
4,4'-DDE		ND	0.010	ug/l	1	10/22/18 19:57	
4,4'-DDT		ND	0.010	ug/l	1	10/22/18 19:57	
Aldrin		ND	0.010	ug/l	1	10/22/18 19:57	
alpha-BHC		ND	0.010	ug/l	1	10/22/18 19:57	
Aroclor 1016		ND	0.10	ug/l	1	10/22/18 19:57	
Aroclor 1221		ND	0.10	ug/l	1	10/22/18 19:57	
Aroclor 1232		ND	0.10	ug/l	1	10/22/18 19:57	
Aroclor 1242		ND	0.10	ug/l	1	10/22/18 19:57	
Aroclor 1248		ND	0.10	ug/l	1	10/22/18 19:57	
Aroclor 1254		ND	0.10	ug/l	1	10/22/18 19:57	
Aroclor 1260		ND	0.10	ug/l	1	10/22/18 19:57	
beta-BHC		ND	0.010	ug/l	1	10/22/18 19:57	
Chlordane (tech)		ND	0.10	ug/l	1	10/22/18 19:57	
Chlorothalonil		ND	0.050	ug/l	1	10/22/18 19:57	
delta-BHC		ND	0.010	ug/l	1	10/22/18 19:57	
Dieldrin		ND	0.010	ug/l	1	10/22/18 19:57	
Endosulfan I		ND	0.010	ug/l	1	10/22/18 19:57	
Endosulfan II		ND	0.010	ug/l	1	10/22/18 19:57	
Endosulfan sulfate		ND	0.010	ug/l	1	10/22/18 19:57	

8J11037 Page 1 of 12 14859 Clark Avenue, City of Industry CA, 91745 | Phone: (626) 336-2139 | Fax: (626) 336-2634

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FINAL REPORT

Sample Results

(Continued)

Well #4 (440-221856-1) Sampled: 10/09/18 10:00 by Client Sample: (Continued) 8J11037-01 (Water) Qualifier MRL Units Analyte Result Dil Analyzed Batch ID: W8J0902 Instr: GC07 Method: EPA 508 (Continued) Prepared: 10/15/18 08:32 Analyst: rmr Endrin ND 0.010 10/22/18 19:57 ug/l Endrin aldehyde ND 0.010 ug/l 1 10/22/18 19:57 gamma-BHC (Lindane) ND 0.010 10/22/18 19:57 ug/l 1 Heptachlor ND 0.010 ug/l 1 10/22/18 19:57 0.010 ug/l 1 10/22/18 19:57 Heptachlor epoxide ND 0.050 10/22/18 19:57 Hexachlorobenzene ug/l 1 Hexachlorocyclopentadiene ND 0.050 ug/l 10/22/18 19:57 Methoxychlor ND 0.010 ug/l 1 10/22/18 19:57 ND 10/22/18 19:57 PCBs, Total 0.50 ug/l 1 Propachlor ND 0.050 ug/l 1 10/22/18 19:57 Toxaphene ND 1.0 ug/l 10/22/18 19:57 Trifluralin ND 0.010 10/22/18 19:57 ug/l 1 Surroaate(s) Conc: 0.0787 10/22/18 19:57 Decachlorobiphenyl 70-130 Tetrachloro-meta-xylene 94% 70-130 Conc: 0.0938 10/22/18 19:57 Method: EPA 525.2 Batch ID: W8J0904 Instr: GCMS16 Prepared: 10/15/18 08:36 Analyst: etn ND Alachlor 0.10 1 10/25/18 06:06 ug/l ND 0.10 ug/l 1 10/25/18 06:06 Atrazine ND 0.10 1 10/25/18 06:06 Benzo (a) pyrene ug/l Bis(2-ethylhexyl)adipate ND 5.0 10/25/18 06:06 ug/l ug/l Bis(2-ethylhexyl)phthalate ND 3.0 1 10/25/18 06:06 ND 0.50 1 10/25/18 06:06 Bromacil ug/l ND 0.10 10/25/18 06:06 Butachlor ug/l Captan ND 1.0 ug/l 1 10/25/18 06:06 10/25/18 06:06 Chlorpropham 0.10 ug/l 0.10 ug/l 10/25/18 06:06 Cyanazine 1 Diazinon ND 0.10 ug/l 1 10/25/18 06:06 0.20 10/25/18 06:06 Dimethoate ug/l 10/25/18 06:06 Diphenamid ND 0.10 ug/l Disulfoton ND 0.10 ug/l 1 10/25/18 06:06 **EPTC** 10/25/18 06:06 ND 0.10 ug/l Metolachlor 0.10 10/25/18 06:06 ua/l 1 Metribuzin ND 0.10 ug/l 1 10/25/18 06:06 10/25/18 06:06 Molinate 0.10 ug/l ND 10/25/18 06:06 Prometon 0.10 ug/l 1 Prometryn ND 0.10 ug/l 10/25/18 06:06 Simazine 0.10 ug/l 10/25/18 06:06

Trithion

Surrogate(s)

Terbacil

Thiobencarb

8J11037 Page 2 of 12

ND

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0.10

0.10

ug/l

ug/l

ug/l

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10/25/18 06:06

10/25/18 06:06 10/25/18 06:06 8

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Sample Results

Certificate of Analysis

FINAL REPORT

(Continued	d) 3

Sample:	Well #4 (440-221856-1)					:	Sampled: 10/09/18 10:0	0 by Client
	8J11037-01 (Water)						(Co	ontinued)
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EP	A 525.2 (Continued)	Batch ID: W8J0904	Instr: GCMS16	Prepared: 1	0/15/18 08:36		Analyst: etn	
1,3-Dime	thyl-2-nitrobenzene		97%	70-130	Conc: 4.	.84	10/25/18 06:06	
Perylene-	-d12		31%	50-120	Conc: 1.	.56	10/25/18 06:06	S-GC
Triphenyl	phosphate		95%	70-130	Conc: 4.	.74	10/25/18 06:06	
Method: EP	A 531.1	Batch ID: W8K0182	Instr: LC10	Prepared: 1	1/05/18 12:54		Analyst: blg	
3-Hydrox	ycarbofuran		ND	2.0	ug/l	1	11/06/18 01:20	
Aldicarb			ND	2.0	ug/l	1	11/06/18 01:20	
Aldicarb s	sulfone		ND	2.0	ug/l	1	11/06/18 01:20	
Aldicarb s	sulfoxide		ND	2.0	ug/l	1	11/06/18 01:20	
Carbaryl			ND	2.0	ug/l	1	11/06/18 01:20	
Carbofura	an		ND	2.0	ug/l	1	11/06/18 01:20	
Methioca	rb		ND	2.0	ug/l	1	11/06/18 01:20	
Methomy	l		ND	2.0	ug/l	1	11/06/18 01:20	
Oxamyl			ND	2.0	ug/l	1	11/06/18 01:20	
Propoxur	(Baygon)		ND	2.0	ug/l	1	11/06/18 01:20	
Method: EP	A 547	Batch ID: W8J1127	Instr: LC11	Prepared: 1	0/17/18 11:52		Analyst: blg	
Glyphosa	te		ND	5.0	ug/l	1	10/17/18 18:35	A-01

Page 3 of 12 8J11037



8J11037

Certificate of Analysis

Quality	Control	Results

Carbamates and Urea Pesticides										
				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
atch: W8K0182 - Direct Injection										
Blank (W8K0182-BLK1) 3-Hydroxycarbofuran	ND	2.0	ug/l	Prepared & A	Analyzed: 11/05	5/18				
Aldicarb		2.0	ug/l							
Aldicarb sulfone		2.0	ug/l							
Aldicarb sulfoxide		2.0	· ·							
Carbaryl	115	2.0	ug/l ug/l							
Carbofuran		2.0	_							
Methiocarb		2.0	ug/l ug/l							
Methomyl		2.0	_							
Oxamyl		2.0	ug/l							
•			ug/l							
Propoxur (Baygon)	ND	2.0	ug/l							
Blank (W8K0182-BLK2)	MB	0.0		Prepared: 11/05/	18 Analyzed: 1	1/06/18				000
3-Hydroxycarbofuran		2.0	ug/l							QC-
Aldicarb	2	2.0	ug/l							QC-
Aldicarb sulfone	5	2.0	ug/l							QC-
Aldicarb sulfoxide		2.0	ug/l							QC-
Carbaryl		2.0	ug/l							QC-
Carbofuran		2.0	ug/l							QC-
Methiocarb		2.0	ug/l							QC-
Methomyl		2.0	ug/l							QC-
Oxamyl		2.0	ug/l							QC-
Propoxur (Baygon)	ND	2.0	ug/l							QC-
.CS (W8K0182-BS1)				=	Analyzed: 11/05					
3-Hydroxycarbofuran		2.0	ug/l	10.0		102	80-120			
Aldicarb		2.0	ug/l	10.0		108	80-120			
Aldicarb sulfone		2.0	ug/l	10.0		117	80-120			
	11.1	2.0	ug/l	10.0		111	80-120			
Carbaryl		2.0	ug/l	10.0		112	80-120			
Carbofuran		2.0	ug/l	10.0		117	80-120			
Methiocarb		2.0	ug/l	10.0		111	80-120			
Methomyl		2.0	ug/l	10.0		100	80-120			
Oxamyl		2.0	ug/l	10.0		120	80-120			
Propoxur (Baygon)	11.1	2.0	ug/l	10.0		111	80-120			
CS (W8K0182-BS2)			F	Prepared: 11/05/	18 Analyzed: 1	1/06/18				
3-Hydroxycarbofuran	9.92	2.0	ug/l	10.0		99	80-120			QC-
Aldicarb	10.3	2.0	ug/l	10.0		103	80-120			QC-
Aldicarb sulfone	9.41	2.0	ug/l	10.0		94	80-120			QC-
	9.74	2.0	ug/l	10.0		97	80-120			QC-
Carbaryl	11.2	2.0	ug/l	10.0		112	80-120			QC-
Carbofuran	10.3	2.0	ug/l	10.0		103	80-120			QC-
Methiocarb	11.0	2.0	ug/l	10.0		110	80-120			QC-
Methomyl	10.4	2.0	ug/l	10.0		104	80-120			QC-
Oxamyl	10.7	2.0	ug/l	10.0		107	80-120			QC-

Page 4 of 12



FINAL REPORT

	,	
Quality	Control	Results

(Continued)

Carbamates and Urea Pesticides (Continued)										
				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
tch: W8K0182 - Direct Injection (Continued)										
LCS (W8K0182-BS2)			P	repared: 11/05/	18 Analyzed:	11/06/18				
Propoxur (Baygon)	11.1	2.0	ug/l	10.0		111	80-120			QC-2
Matrix Spike (W8K0182-MS1)	Source: 8J091	12-01RE1	P	repared: 11/05/	18 Analyzed:	11/06/18				
3-Hydroxycarbofuran	10.4	2.0	ug/l	10.0	ND	104	65-135			
Aldicarb	10.4	2.0	ug/l	10.0	ND	104	65-135			
Aldicarb sulfone	11.3	2.0	ug/l	10.0	ND	113	65-135			
Aldicarb sulfoxide	10.5	2.0	ug/l	10.0	ND	105	65-135			
Carbaryl	10.8	2.0	ug/l	10.0	ND	108	65-135			
Carbofuran	10.2	2.0	ug/l	10.0	ND	102	65-135			
Methiocarb	11.3	2.0	ug/l	10.0	ND	113	65-135			
Methomyl	10.4	2.0	ug/l	10.0	ND	104	65-135			
Oxamyl	12.8	2.0	ug/l	10.0	ND	128	65-135			
Propoxur (Baygon)	10.4	2.0	ug/l	10.0	ND	104	65-135			
Matrix Spike Dup (W8K0182-MSD1)	Source: 8J091	12-01RE1		Prepared & A	Analyzed: 11/0	5/18				
3-Hydroxycarbofuran	11.5	2.0	ug/l	10.0	ND	115	65-135	10	30	
Aldicarb	11.0	2.0	ug/l	10.0	ND	110	65-135	6	30	
Aldicarb sulfone	11.7	2.0	ug/l	10.0	ND	117	65-135	3	30	
Aldicarb sulfoxide	8.83	2.0	ug/l	10.0	ND	88	65-135	18	30	
Carbaryl	10.3	2.0	ug/l	10.0	ND	103	65-135	5	30	
Carbofuran	10.1	2.0	ug/l	10.0	ND	101	65-135	0.7	30	
Methiocarb	10.6	2.0	ug/l	10.0	ND	106	65-135	6	30	
Methomyl	6.33	2.0	ug/l	10.0	ND	63	65-135	48	30	MS-05
Oxamyl	15.3	2.0	ug/l	10.0	ND	153	65-135	18	30	MS-05
Propoxur (Baygon)	11.0	2.0	ug/l	10.0	ND	110	65-135	5	30	

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FINAL REPORT

Quality Control Results

(Continued)

Chlorinated Pesticides and/or PCBs by GC/ECD										
Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifie
tch: W8J0902 - EPA 508/L-L SF										4
Blank (W8J0902-BLK1)				Prepared: 10/15/	18 Analyzed: 1	10/22/18				
4,4'-DDD	- · ND	0.010	ug/l		•					
4,4'-DDE	- ·ND	0.010	ug/l							
4,4'-DDT	- · ND	0.010	ug/l							
Aldrin	- ·ND	0.010	ug/l							
alpha-BHC	- ND	0.010	ug/l							
Aroclor 1016	- ·ND	0.10	ug/l							
Aroclor 1221	- ND	0.10	ug/l							
Aroclor 1232	- ND	0.10	ug/l							
Aroclor 1242	- ND	0.10	ug/l							
Aroclor 1248	- · ND	0.10	ug/l							
Aroclor 1254	- · ND	0.10	ug/l							
Aroclor 1260	- · ND	0.10	ug/l							
beta-BHC	- ·ND	0.010	ug/l							
Chlordane (tech)	- ND	0.10	ug/l							
Chlorothalonil	- ·ND	0.050	ug/l							
delta-BHC	- · ND	0.010	ug/l							
Dieldrin	- · ND	0.010	ug/l							
Endosulfan I	- · ND	0.010	ug/l							
Endosulfan II	- · ND	0.010	ug/l							
Endosulfan sulfate		0.010	ug/l							
Endrin		0.010	ug/l							
Endrin aldehyde		0.010	ug/l							
gamma-BHC (Lindane)		0.010	ug/l							
Heptachlor		0.010	ug/l							
Heptachlor epoxide		0.010	ug/l							
Hexachlorobenzene		0.050	ug/l							
Hexachlorocyclopentadiene		0.050	ug/l							
Methoxychlor	- ND	0.010	ug/l							
PCBs. Total	- ND	0.50	ug/l							
Propachlor		0.050	ug/l							
Toxaphene		1.0	ug/l							
Trifluralin		0.010	ug/l							
		0.010	ug/i							
Surrogate(s) Decachlorobiphenyl		0.0963	ug/l	0.100		96	70-130			
Tetrachloro-meta-xylene		0.0984	ug/l	0.100		98	70-130			
Blank (W8J0902-BLK2)				Prepared: 10/15/	18 Analyzed: 1	10/25/18				
4,4'-DDD	- ·ND	0.010	ug/l	,,	,					Q
4,4´-DDE	- ND	0.010	ug/l							Q
4,4′-DDT	- ND	0.010	ug/l							Q
Aldrin	- ND	0.010	ug/l							Q
alpha-BHC	- · ND	0.010	ug/l							Q
Aroclor 1016	- · ND	0.10	ug/l							Q
Aroclor 1221	- · ND	0.10	ug/l							Q
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Quality Control Results

(Continued)

				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualif
ch: W8J0902 - EPA 508/L-L SF (Continued)										
lank (W8J0902-BLK2)				Prepared: 10/15/	18 Analyzed:	10/25/18				
Aroclor 1232	ND	0.10	ug/l	.,,						Q
Aroclor 1242	ND	0.10	ug/l							Q
Aroclor 1248	ND	0.10	ug/l							Q
Aroclor 1254	ND	0.10	ug/l							Q
Aroclor 1260	ND	0.10	ug/l							Q
beta-BHC	ND	0.010	ug/l							Q
Chlordane (tech)	ND	0.10	ug/l							Q
Chlorothalonil	ND	0.050	ug/l							Q
delta-BHC	ND	0.010	ug/l							Q
Dieldrin	ND	0.010	ug/l							Q
Endosulfan I	ND	0.010	ug/l							Q
Endosulfan II	ND	0.010	ug/l							Q
Endosulfan sulfate	ND	0.010	ug/l							Q
Endrin		0.010	ug/l							Q
Endrin aldehyde		0.010	ug/l							Q
gamma-BHC (Lindane)		0.010	ug/l							Q
Heptachlor		0.010	ug/l							Q
Heptachlor epoxide		0.010	ug/l							Q
Methoxychlor		0.010	ug/l							C
PCBs, Total		0.50	ug/l							C
Toxaphene		1.0	ug/l							Q
rrogate(s)										
Decachlorobiphenyl		0.0942	ug/l	0.100		94	70-130			Q
Tetrachloro-meta-xylene		0.0931	ug/l	0.100		93	70-130			Q
CS (W8J0902-BS1)			1	Prepared: 10/15/	18 Analyzed:	10/22/18				
4,4'-DDD	0.0977	0.010	ug/l	0.100		98	55-142			
4,4'-DDE	0.0957	0.010	ug/l	0.100		96	49-129			
4,4´-DDT	0.0925	0.010	ug/l	0.100		93	54-160			
Aldrin	0.0878	0.010	ug/l	0.100		88	29-115			
alpha-BHC	0.0887	0.010	ug/l	0.100		89	59-131			
beta-BHC	0.0949	0.010	ug/l	0.100		95	63-136			
delta-BHC	0.102	0.010	ug/l	0.100		102	59-137			
Dieldrin	0.0949	0.010	ug/l	0.100		95	59-135			
Endosulfan I	0.0904	0.010	ug/l	0.100		90	28-138			
Endosulfan II	0.0967	0.010	ug/l	0.100		97	53-133			
Endosulfan sulfate	0.100	0.010	ug/l	0.100		100	58-155			
Endrin	0.0996	0.010	ug/l	0.100		100	57-148			
Endrin aldehyde		0.010	ug/l	0.100		81	45-139			
gamma-BHC (Lindane)		0.010	ug/l	0.100		89	59-129			
Heptachlor		0.010	ug/l	0.100		95	42-136			
Heptachlor epoxide		0.010	ug/l	0.100		93	59-134			
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Chlorinated Posticides and for PCPs by CC/	ECD (Continued)									
Chlorinated Pesticides and/or PCBs by GC/I	ECD (Continued)			C:!	C		0/ DEC		RPD	
Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Limit	Qualifie
atch: W8J0902 - EPA 508/L-L SF (Continued)										
LCS (W8J0902-BS1)				Prepared: 10/15/	18 Analyzed: 1	10/22/18				
				- repared. 10/13/		10/22/10				
		0.103	ug/l	0.100		103	70-130			
Tetrachloro-meta-xylene		0.113	ug/l	0.100		113	70-130			
LCS (W8J0902-BS2)			ı	Prepared: 10/15/	18 Analyzed: 1	10/25/18				
4,4'-DDD	0.0964	0.010	ug/l	0.100	•	96	55-142			QC-
4,4'-DDE	0.0954	0.010	ug/l	0.100		95	49-129			QC-
4,4'-DDT	0.0981	0.010	ug/l	0.100		98	54-160			QC-
Aldrin	0.0851	0.010	ug/l	0.100		85	29-115			QC-
alpha-BHC	0.0869	0.010	ug/l	0.100		87	59-131			QC-
beta-BHC	0.0931	0.010	ug/l	0.100		93	63-136			QC-
delta-BHC	0.101	0.010	ug/l	0.100		101	59-137			QC-
Dieldrin		0.010	ug/l	0.100		95	59-135			QC-
Endosulfan I		0.010	ug/l	0.100		90	28-138			QC-
Endosulfan II		0.010	ug/l	0.100		97	53-133			QC-
Endosulfan sulfate		0.010	-	0.100		100	58-155			QC-
Endrin	000	0.010	ug/l	0.100		102	57-148			QC-
			ug/l							
,		0.010	ug/l	0.100		78	45-139			QC-
gamma-BHC (Lindane)		0.010	ug/l	0.100		87	59-129			QC-
Heptachlor		0.010	ug/l	0.100		95	42-136			QC-
Heptachlor epoxide		0.010	ug/l	0.100		95	59-134			QC-
Methoxychlor		0.010	ug/l	0.100		110	56-167			QC-
Surrogate(s)		0.105	ug/l	0.100		105	70-130			QC-
, , ,			ug/l	0.100		111	70-130			QC-
retractiono-meta-xylene		0.111	ug/i	0.100		111	70-130			QC-
LCS Dup (W8J0902-BSD1)	0.005	0.040		Prepared: 10/15/	18 Analyzed: 1		55.440		0.5	
4,4′-DDD		0.010	ug/l	0.100		90	55-142	8	25	
4,4'-DDE		0.010	ug/l	0.100		89	49-129	7	25	
4,4'-DDT	0.0860	0.010	ug/l	0.100		86	54-160	7	25	
Aldrin		0.010	ug/l	0.100		70	29-115	22	25	
alpha-BHC	0.0774	0.010	ug/l	0.100		77	59-131	14	25	
beta-BHC	0.0861	0.010	ug/l	0.100		86	63-136	10	25	
delta-BHC	0.0935	0.010	ug/l	0.100		94	59-137	9	25	
Dieldrin	0.0878	0.010	ug/l	0.100		88	59-135	8	25	
Endosulfan I	0.0815	0.010	ug/l	0.100		82	28-138	10	25	
Endosulfan II	0.0909	0.010	ug/l	0.100		91	53-133	6	25	
Endosulfan sulfate	0.0970	0.010	ug/l	0.100		97	58-155	4	25	
Endrin	0.0896	0.010	ug/l	0.100		90	57-148	11	25	
Endrin aldehyde	0.0832	0.010	ug/l	0.100		83	45-139	2	25	
gamma-BHC (Lindane)		0.010	ug/l	0.100		78	59-129	13	25	
Heptachlor	0.0837	0.010	ug/l	0.100		84	42-136	13	25	
Heptachlor epoxide		0.010	ug/l	0.100		87	59-134	7	25	
Methoxychlor		0.010	ug/l	0.100		96	56-167	7	25	

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Surrogate(s)

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Quality Control Results

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				c			0/ 5==		222	
Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
atch: W8J0902 - EPA 508/L-L SF (Continued)	Result	WIKE	Onits	Level	Result	MLC	Lillius	KFD	Lilling	Qualifiei
LCS Dup (W8J0902-BSD1)				Prepared: 10/15/	19 Analyzod: 1	10/22/10				
		0.0974	ug/l	0.100		97	70-130			
Tetrachloro-meta-xylene		0.0999	ug/l	0.100		100	70-130			
LCS Dup (W8J0902-BSD2)			ı	Prepared: 10/15/	18 Analyzed: 1	10/25/18				
4,4′-DDD	0.0933	0.010	ug/l	0.100		93	55-142	3	25	QC-2
4,4´-DDE	0.0924	0.010	ug/l	0.100		92	49-129	3	25	QC-
4,4'-DDT	0.0952	0.010	ug/l	0.100		95	54-160	3	25	QC-2
Aldrin	0.0730	0.010	ug/l	0.100		73	29-115	15	25	QC-
alpha-BHC	0.0798	0.010	ug/l	0.100		80	59-131	8	25	QC-2
beta-BHC	0.0893	0.010	ug/l	0.100		89	63-136	4	25	QC-
delta-BHC	0.0987	0.010	ug/l	0.100		99	59-137	2	25	QC-
Dieldrin	0.0912	0.010	ug/l	0.100		91	59-135	4	25	QC-
Endosulfan I	0.0848	0.010	ug/l	0.100		85	28-138	6	25	QC-
Endosulfan II	0.0948	0.010	ug/l	0.100		95	53-133	2	25	QC-
Endosulfan sulfate	0.102	0.010	ug/l	0.100		102	58-155	2	25	QC-
Endrin	0.0960	0.010	ug/l	0.100		96	57-148	6	25	QC-
Endrin aldehyde	0.0811	0.010	ug/l	0.100		81	45-139	4	25	QC-
gamma-BHC (Lindane)	0.0805	0.010	ug/l	0.100		80	59-129	8	25	QC-
Heptachlor	0.0869	0.010	ug/l	0.100		87	42-136	9	25	QC-
Heptachlor epoxide	0.0902	0.010	ug/l	0.100		90	59-134	5	25	QC-
Methoxychlor	0.106	0.010	ug/l	0.100		106	56-167	3	25	QC-
Surrogate(s)										
Decachlorobiphenyl		0.103	ug/l	0.100		103	70-130			QC-
Tetrachloro-meta-xylene		0.103	ug/l	0.100		103	70-130			QC-
Glyphosate by EPA 547										
				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifie
Batch: W8J1127 - Direct Injection										
Blank (W8J1127-BLK1)	ND	5 0	,,	Prepared & A	nalyzed: 10/1	7/18				
Glyphosate	· ND	5.0	ug/l							
LCS (W8J1127-BS1)			_	-	nalyzed: 10/1					
Glyphosate	23.7	5.0	ug/l	25.0		95	70-130			
Matrix Spike (W8J1127-MS1)	Source: 8J09			Prepared & A	nalyzed: 10/1	7/18				
Glyphosate	23.3	5.0	ug/l	25.0	ND	93	41-149			
Matrix Spike (W8J1127-MS2)	Source: 8J09	143-01		Prepared & A	nalyzed: 10/1	7/18				
Glyphosate	24.4	5.0	ug/l	25.0	ND	98	41-149			
Matrix Spike Dup (W8J1127-MSD1)	Source: 8J09	019-01		Prepared & A	nalyzed: 10/1	7/18				
Glyphosate	23.7	5.0	ug/l	25.0	ND	95	41-149	1	30	
Matrix Spike Dup (W8J1127-MSD2)	Source: 8J09	143-01		Prepared & A	nalyzed: 10/1	7/18				
Glyphosate	26.8	5.0	ug/l	25.0	ND	107	41-149	9	30	

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Certificate of Analysis

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Quality Control Results

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Seminalatila Organia Compounda by CC/MS										oritinada)
Semivolatile Organic Compounds by GC/MS					_					
Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8J0904 - EPA 525.2/SPE										4
Blank (W8J0904-BLK1)				Prepared: 10/15/	18 Analyzed: 1	10/25/18				
Alachlor	ND	0.10	ug/l	,	,	,,				
Atrazine	ND	0.10	ug/l							
Benzo (a) pyrene	ND	0.10	ug/l							
Bis(2-ethylhexyl)adipate	ND	5.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	3.0	ug/l							
Bromacil	ND	0.50	ug/l							
Butachlor	ND	0.10	ug/l							
Captan	ND	1.0	ug/l							
Chlorpropham	ND	0.10	ug/l							
Cyanazine	ND	0.10	ug/l							
Diazinon	ND	0.10	ug/l							
Dimethoate	ND	0.20	ug/l							
Diphenamid	ND	0.10	ug/l							
Disulfoton	ND	0.10	ug/l							
EPTC	ND	0.10	ug/l							
Metolachlor	ND	0.10	ug/l							
Metribuzin	ND	0.10	ug/l							
Molinate	ND	0.10	ug/l							
Prometon	ND	0.10	ug/l							
Prometryn	ND	0.10	ug/l							
Simazine	ND	0.10	ug/l							
Terbacil	ND	2.0	ug/l							
Thiobencarb	ND	0.10	ug/l							
Trithion	ND	0.10	ug/l							
Surrogate(s)										
.,o 2ou.y. 2oo20			ug/l	5.00		95	70-130			
Perylene-d12		4.15	ug/l	5.00		83	50-120			
Triphenyl phosphate		4.20	ug/l	5.00		84	70-130			
LCS (W8J0904-BS1)				Prepared: 10/15/	18 Analyzed: 1	10/25/18				
Alachlor		0.10	ug/l	5.00		106	70-130			
Atrazine	5.31	0.10	ug/l	5.00		106	70-130			
Benzo (a) pyrene	4.78	0.10	ug/l	5.00		96	60-130			
Bis(2-ethylhexyl)adipate	4.76	5.0	ug/l	5.00		95	70-130			
Bis(2-ethylhexyl)phthalate	5.24	3.0	ug/l	5.00		105	70-130			
Bromacil		0.50	ug/l	5.00		100	70-130			
Butachlor		0.10	ug/l	5.00		100	70-130			
Captan		1.0	ug/l	5.00		91	70-130			
Chlorpropham		0.10	ug/l	5.00		106	70-130			
Cyanazine	5.31	0.10	ug/l	5.00		106	70-130			
Diazinon	4.35	0.10	ug/l	5.00		87	50-120			
Dimethoate	3.62	0.20	ug/l	5.00		72	50-120			
Diphenamid	5.35	0.10	ug/l	5.00		107	70-130			
Disulfoton	3.84	0.10	ug/l	5.00		77	50-120			

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Triphenyl phosphate

Certificate of Analysis

FINAL REPORT

Quality Control Res									(0	ontinued
Semivolatile Organic Compounds by GC/M	S (Continued)			6.31.	6		0/ DEC		222	
Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifi
atch: W8J0904 - EPA 525.2/SPE (Continued)										
LCS (W8J0904-BS1)			P	repared: 10/15/	18 Analyzed: 10	0/25/18				
EPTC	4.89	0.10	ug/l	5.00	10 Allalyzeu. IV	98	70-130			
Metolachlor	5.00	0.10	ug/l	5.00		100	60-130			
Metribuzin	4.67	0.10	ug/l	5.00		93	50-120			
Molinate	4.93	0.10	ug/l	5.00		99	70-130			
Prometon	2.07	0.10	ug/l	5.00		41	15-120			
Prometryn	3.95	0.10	ug/l	5.00		79	30-120			
Simazine	4.48	0.10	ug/l	5.00		90	60-130			
Terbacil	5.08	2.0	ug/l	5.00		102	70-130			
Thiobencarb	5.13	0.10	ug/l	5.00		103	70-130			
Trithion	4.81	0.10	ug/l	5.00		96	70-130			
Surrogate(s)			.							
		4.80	ug/l	5.00		96	70-130			
Perylene-d12		5.05	ug/l	5.00		101	50-120			
Triphenyl phosphate		5.12	ug/l	5.00		102	70-130			
CS Dup (W8J0904-BSD1)			Р	repared: 10/15/	18 Analyzed: 10	0/25/18				
Alachlor	5.58	0.10	ug/l	5.00		112	70-130	6	30	
Atrazine	5.40	0.10	ug/l	5.00		108	70-130	2	30	
Benzo (a) pyrene	4.83	0.10	ug/l	5.00		97	60-130	0.9	30	
Bis(2-ethylhexyl)adipate	5.06	5.0	ug/l	5.00		101	70-130	6	30	
Bis(2-ethylhexyl)phthalate	5.47	3.0	ug/l	5.00		109	70-130	4	30	
Bromacil	5.34	0.50	ug/l	5.00		107	70-130	7	30	
Butachlor	5.22	0.10	ug/l	5.00		104	70-130	5	30	
Captan	4.89	1.0	ug/l	5.00		98	70-130	8	30	
Chlorpropham	5.63	0.10	ug/l	5.00		113	70-130	6	30	
Cyanazine	5.57	0.10	ug/l	5.00		111	70-130	5	30	
Diazinon	4.45	0.10	ug/l	5.00		89	50-120	2	30	
Dimethoate	4.40	0.20	ug/l	5.00		88	50-120	20	30	
Diphenamid	5.56	0.10	ug/l	5.00		111	70-130	4	30	
Disulfoton	4.51	0.10	ug/l	5.00		90	50-120	16	30	
EPTC	4.98	0.10	ug/l	5.00		100	70-130	2	30	
Metolachlor	5.16	0.10	ug/l	5.00		103	60-130	3	30	
Metribuzin	5.15	0.10	ug/l	5.00		103	50-120	10	30	
Molinate	5.04	0.10	ug/l	5.00		101	70-130	2	30	
Prometon	1.61	0.10	ug/l	5.00		32	15-120	25	30	
Prometryn	3.88	0.10	ug/l	5.00		78	30-120	2	30	
Simazine		0.10	ug/l	5.00		93	60-130	3	30	
Terbacil	5.64	2.0	ug/l	5.00		113	70-130	10	30	
Thiobencarb		0.10	ug/l	5.00		105	70-130	3	30	
Trithion		0.10	ug/l	5.00		102	70-130	6	30	
iurrogate(s)			···							
3		4.85	ug/l	5.00		97	70-130			
Perylene-d12		5.00	ug/l	5.00		100	50-120			
Triphenyl phosphate		5.54	ua/l	5.00		111	70-130			

Page 11 of 12 8J11037

ug/l

5.00

111

70-130



FINAL REPORT

XX	Notes	and	Definitions

ltem	Definition
A-01	Sample arrived in incorrect container. Method requires samples to be in amber containers; however, the sample arrived in clear glass.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QC-2	This QC sample was reanalyzed to complement samples that require re-analysis on different date. See analysis date.
S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.
Any rema	ining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB) All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Reviewed by:

Regina Giancola Project Manager









ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

8J11037 Page 12 of 12

TestAmerica Irvine 17461 Denan Ave Suite 100 Irvine, CA 92614-5617 Phone (249) 281-1025 Eav (949) 260-3207	J	hain o	of Cust	Chain of Custody Record	ecor	-								TestAmerican services and the services of the	tmerica mar sarati terres
Client Information	Sampler	Astm	された	Lab PM Tomova,	va, Rossina	ina D				amer Tra		(S)	3	COC No 440-149758-27486.	36.1
Client Contact Ivan Liovin	Phone 2.	0	6.60	E-Mail	E-Mail rossina fomova@testamericainc com	a@testa	mericain	CCOM		80 <u>10</u>		ر مدار	3644 6446		
Company ABC Liovin Drilling. Inc							A	Analysis		Requested	_			# dof	
Address 1180 East Burnett Street	Due Date Requested:	;p _a			急				, 201		<u> </u>			ĕ	98; M. Hovere
Crty Signal Hill	TAT Requested (d	(days):							C, 554	A caje)				B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Z.p .CA, 90755							9}8mo			eaa(p)	-11-		HoD.		P - Na2O4S Q - Na2SO3 R - Na2SO3
F1007-152-171 (4-540)	ase Ord	er not required			(0					nbisH-	J U	2 607	3 bns	ō	S - H2SO4 T - TSP Dodecahydrate
Email Ivan@abcdrilling com	#OM				lon	E				80162		D col		I - ice J - Di Water	U - Acetone V - MCAA
Project Name Yurok Indian Tribe	Project # 44021315				00 OL	398 sr			HO_00					K-EDIA L-EDA	w - pH 4-5 Z - ather (specify)
TH 1700 also	#MOSS				A) ds	is siql								Other:	
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Sample identification	Sample Date		Preservation Code:	-)6 C		+-	ε z	-			- ' -		Special Instructions/Note:
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äut	Poison B Unkno	mown Re	Radiological			Return To Client	o Client	ее ша	20 G	assessed II sal Disposal By Lab	II sam	pres ar	Arch	Sample Disposal (A ree may be assessed it samples are retained longer than 1 month, Return To Client Disposal By Lab Archive For Mon	montn) Months
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Custody Seals Infact Custody Seal No					පී	Cooler Temperature(s)	erature(s)	°C and Other Remarks	ther Ren	arks.	0	0	 	18-77	
												-			Ver 08/04/2016

TestAmerica Irvine 17461 Denan Ave Suite 100 Irvine, CA 92614-5817 Phone (949) 261-1022 Fax (949) 260-3297	Chain of	Chain of Custody Record	ecor	-							Ψ.	lestAmerica	erica
Client Information	Sampler (Cr.) US HIVE	1 Tome	w ova, Ross	D E U			్రా	mer Trac	Carrier Tracking No(s)		-	COC No 440-149758-27486 2	
Client Contact Ivan Liovin	1	403	E-Mail rossina tomova@testamericainc.com	a@testar	nericain	com	<u>\</u>	8010	369	3694643			
Company ABC Liovin Drilling, Inc	The state of the s				An		Requested	sted			# qor		
Address 1180 East Burnett Street	Due Date Requested:										Pres	Ř	our vol
City Signal Hill	TAT Requested (days):					(gnites					Z Z - O		None AsNaO2
State, Zip CA, 90755				***		T AJ o			···········		Z Z Z	D - Nithic Acid P - J E - NaHSO4 Q - J	P - Na204S Q - Na2S03
Phone 7 14 - 204 - 6403	PO# Purchase Order not required					dus)					. O I	P	Nazszos H2SO4 TSP Dodecahydrate
Email Ivan@abcdrilling com	#OM					WG ul							U - Acetone V - MCAA
Project Name Yurok Indian Tribe	Project # 44021315					eotea					X 7	-EDA W-	W - pH 4-5 Z - other (specify)
SYE	#MOSS		A) as		siyles						os con	**	
		Matrix	Filtered S MS/M: Ishtobn3 -	- Herbicide	tsupid - nA SAAH -	EDB & DI	SAOC (en	Shyposate	- Carbamit 30B-Corros		у мары с		
Sample Identification	Sample Date Time G=	7	ones	1.212							letoT	Special Instructions/Note:	ctions/Note:
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well # 4	10-9-18 16:00	Water	×	×	×	×	×	×	×				
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	Date/Time	Company	<i>‡</i>	yd peweroet	,)			Date	/Time		Con	Company
Custody Seals Infact. Custody Seal No:			Š	Cooler Temperature(s) °C and Other Remarks	rature(s)	C and Off	er Rema	ks	3.	5/2	22	PR-89	6
1										}		Ver	Ver 08/04/2016

TestAmerica Irvine

17461 Derian Ave Suite 100 Irvine, CA 92614-5817 Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

	Sampler						Market and Committee of the Committee of
Client Information (Sub Contract Lab)	Dr.			Tomov	Tomova, Rossina D	Carrier Tracking No(s):	COC No.
Shipping/Receiving				rossir	la tomova@testamericain	State of Origin:	Page
TestAmerica Laboratories, Inc.					Accreditations Required (See note):	Camorina	Job#
13715 Rider Trail North,	Due Date Requested:	ed:					440-221856-1
City: Earth City	TAT Requested (days):	ays):			Analysis Re	Requested	A - HCL M - Hexane
State, Ztp: MO, 63045					st		ate
314-298-8566(Tel) 314-298-8757(Fax)	PO#				st rget Li		
Email	WO#) get Li rd Ta		Ascorbic Acid
Project Name Yurok Indian Tribe	Project#:				d Targ		J - DI Water
Site:	44021315				res d indar (D) S		
	SSCORVE				MSD (Y ion Star 21 (MO		Other:
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Perform MS/M 900.0/Evaporati 903.0/PrecSep_ 904.0/PrecSep_		otal Number o
	\bigvee	X	0	on Code:	9 9		Special Instructions/Note:
ANCII #11 (410-22 1000-1)	10/9/18	Pacific		Water	× × ×		ω
Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.	oratories, Inc. places the overstens, Inc. places the overstens analyzed tests/matrix being analyzed frent to date, return the sign	vnership of me d, the samples ned Chain of C	hod, analyte & nust be shippe ustody attestin	accreditation ad back to the to said comp	compliance upon out subcontract laboratories. TrestAmerica laboratory or other instructions will be cance to TestAmerica Laboratories, Inc.	his sample shipment is forwarded undo re provided. Any changes to accreditate	ter chain-of-custody. If the laboratory does not alter shallow should be brought to TestAmerica
Unconfirmed Deliverable Requested: 1.11.111.11V. Other (specific)					Sample Disposal (A fee may be assessed if samples are retained longer than	assessed if samples are retain	ned longer than 1 month)
Empty Kit Relinquished by					Requireme	The contract of the contract o	Months
Reinquished by	Daig(Timb:)	Date	7		Time:	Method of Shipment	
Relinquished by	Date/Tinhe:	=	8	Company	Received by Mas 1	Date/Time: 1/8	0855
4	Date/Time		S	Company	Received by:	Date/Time;	Company
A Yes A No					Cooler Temperature(s) °C and Other Remarks	narks.	

Ver: 09/20/2016

TestAmerica

Chain of Custody Record

TestAmerica Irvine 17461 Derian Ave Suite 100 Irvine, CA 92614-5817	Cha	Chain of Custody Record	Susto	dy Re	cord			TestA	TestAmerica
Phone (949) 261-1022 Fax (949) 260-3297				-					
Client Information (Sub Contract Lab)	Sampler.			Tomov	Lab PM: Tomova, Rossina D	Ö	Carrier Tracking No(s):	COC No: 440-127619.1	
	Phone:			E-Mail: rossina	E-Mail: rossina.tomova@testamericainc.com		State of Origin: California	Page: Page 1 of 1	
Company: TestAmerica Laboratories. Inc.				Ac	Accreditations Required (See note)			Job #: 440-221856-1	
Address: 880 Riverside Parkway.	Due Date Requested: 10/22/2018					Analysis Requested	ested	Preservation Codes	les:
City. West Sacramento	TAT Requested (days):							B - NaOH C - Zn Acetate	M - Hexane N - None O - AsNaO2
State, Zip. CA, 95605								D - Nitric Acid E - NaHSO4	P - Na204S Q - Na2SO3
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	#0d#			(G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahvdrate
Email.	WO#.			OF N					U - Acetone V - MCAA
Project Name: Yurok Indian Tribe	Project #: 44021315			seY) elq	Yes or I				W - pH 4-5 Z - other (specify)
Site:	SSOW#.		ŀ	Ime2 t) asw			20 to 10	
Sample Identification - Client ID (Lab ID)	Sample Date Ti	Sample (C=comp,		Matrix (Winwator, State) GO Onwante/Gild, Odd Gold	Perlorm MS/I			edmu l l IsloT	Special Instructions/Note:
Cample raciningation - Order to Lead 19)	1	1	- 173		X				
Well #4 (440-221856-1)	10/9/18	10:00	>	Water	×			.2	
Well #4 (440-221000-1)		Pacific			<			7	
Note: Since faboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does no currently maintain accreditation in the State of Origin listed above for analysis/lesis/marix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.	Laboratories, Inc. places the owners ysis/lests/matrix being analyzed, the e current to date, return the signed C	hip of method, samples must hain of Custod	analyte & ac be shipped b y attesting to	creditation cor ack to the Ter said complica	npliance upon out sub Memerica laboratory or noe to TestAmerica La	contract laboratories. This other instructions will be patential or a portatories, Inc.	sample shipment is forwarde provided. Any changes to acc	d under chain-of-custody If reditation status should be b	If the laboratory does not a brought to TestAmerica
Possible Hazard Identification					Sample Disposa	I (A fee may be ass	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	etained longer than 1	month)
Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC	Requirem	Disposal By Lab ents:	Archive For	Months
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Reinquished by.	Date/Time:		Company	any	Received by:		Date/Time:		Company
Custody Seals Intact: Custody Seal No.:					Cooler Temperal	Cooler Temperature(s) °C and Other Remarks	70 sx		
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TestAmerica

Chain of Custody

17461 Derian Ave Suite 100 Irvine, CA 92614-5817 Phone (949) 261-1022 Fax (949) 260-3297

TestAmerica Irvine

Sient Information (Sub Contract Lab)	Sampler			Tomo/	Lab PM: Tomova, Rossina D	ossina	Q				Carrie	Camer Tracking No(s)	(s)oN (2 4	COC No: 440-127624.1	1.4.1		
ient Contact.	Phone			E-Mail	al.						State	State of Origin.			Pa	Page			
hipping/Receiving				ross	rossina.tomova@testamericainc.com	nova@	testa	merica	ainc, co	E	California	ornia			P	Page 1 of	-		
ompany: estAmerica Laboratories, Inc.					Accred	Accreditations Required (See note)	Require	ed (See	note):						4 4	Job # 440-221856-1	1-99		
ddress. 102 LaRoche Avenue,	Due Date Requested: 10/16/2018	Ü							Analy	sis Re	Analysis Requested	ted			P.	Preservation Codes:	Cod	16	
ify. savannah sava Ziac	TAT Requested (days):	ys):													(800	B - NaOH C - Zn Acetate		M - Hexane N - None O - AsNaO2 D - Na2O4S	
Jake, 2.p. 5A, 31404														-	ши	E - NaHSO4		D - Na2SO3	
hone: 12-354-7858(Tel) 912-352-0165(Fax)	PO#,				(0			racinat				-	I		OI	G - Amchlor H - Ascarbic Acid		S - H2SO4 T - TSP Dodecahydrate	40
mail:	#OM						sapioi	ed bu								I - Ice J - DI Water		U - Acetane V - MCAA	
roject Name. Urok Indian Tribe	Project #: 44021315								/						_	K-EDTA L-EDA		W - pH 4-5 Z - other (specify)	
ite:	SSOW#:					and the same									_	Other:			
rample Identification - Client ID (Lab ID)	Sample Date	Sample	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasterioli, BT=Trssue, A=Air	Field Filtered S Perform MS/M	914_1.402\1.402	a19_1.818\1.818	548,1/548,1_P E	262,2/562,2_prej						Total Number	Spec	cial Inst	Special Instructions/Note:	
		X	Preserva	Preservation Code:	X				A			HZ GC	10		X		Λ		
Vell #4 (440-221856-1)	10/9/18	10:00		Water		×	×	×	×						10				
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lote: Since laboratory accreditations are subject to change. TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This samples thought is forwarded under chain-of-custody. If the laboratory does no aboratories are subject to change to analysis/lessis/maintry being analyzed, the samples must be shipped back to the TestAmerica laboratories will be provided. Any changes to accreditation status should be brought to TestAmerica aboratories, inc. attention immediately. If all requested accreditations are current to date, return the signed Chan of Custody attesting to said complicance to TestAmerica Laboratories, inc.	Laboratories, Inc. places the olysis/fests/matrix being analyza re current to date, return the si	ownership of n ed, the sample gned Chain of	nethod, analyte s must be ship Custody attest	& accreditation ped back to the ing to said con	n compli e TestAr nplicano	ance up	on out sborator	subcon ry or off	tract lab	oratories actions w	This sar	nple ship	ment is for	orwarded s to accrr	under ch	ain-of-cust	lody. If the	wwnership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not ed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica angle Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.	
Possible Hazard Identification					S	ample D _P	le Disposal (A f	sal (A fee	may be	asses	assessed if san	ample	s are re	tained long	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	han 1 n	nonth)	
Deliverable Requested: I, II, III, IV, Other (specify)					S	secial I	nstruc	tions	OC Re	Special Instructions/QC Requirements	ents:	62.00	3						
empty Kit Relinduished by:	1 1	Date			Time:							Method of Shipment	Shipme	ut					-
reinquishedby:	Delectine Date Time	1	2	Company		Rece V	Received by)	2)	V	Λ	Date/Time	11 (S	118	8	226	Company	
elinquished by:	Date/Time			Company		Recei	Received by						Date/Time	ime				Company	
Custody Seals Intact: Custody Seal No.						Coole	Cooler Temperatur	erature	Ne(s) "C ar	od Other	C and Other Remarks	18	1						
								-				-						Ver: 09/20/2016	

Client: ABC Liovin Drilling, Inc Job Number: 440-221856-1

Login Number: 221856 List Source: TestAmerica Irvine

List Number: 1

Creator: Escalante, Maria I

Creator: Escalante, Maria I		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

N/A

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16

45

Residual Chlorine Checked.

Client: ABC Liovin Drilling, Inc Job Number: 440-221856-1

Login Number: 221856 List Source: TestAmerica Sacramento List Number: 4 List Creation: 10/12/18 08:24 AM

Creator: Gooch. Mavce

rue rue //A rue rue rue rue rue	Comment
rue //A rue rue	
//A rue rue rue	
rue rue rue	
rue rue	
rue	
ruo	
iue	0.2C
rue	
rue	
rue	
alse	Received project as a subcontract.
rue	
/A	
rue	
/A	
rue	
ri ri ri ri ri ri ri	ue

True

N/A

TestAmerica Irvine

Samples do not require splitting or compositing.

Residual Chlorine Checked.

Client: ABC Liovin Drilling, Inc Job Number: 440-221856-1

List Source: TestAmerica Savannah
List Number: 3
List Creation: 10/11/18 03:08 PM

Creator: Weston, Pamela

Creator: Weston, Pamela		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

N/A

TestAmerica Irvine

Residual Chlorine Checked.

11/27/2018

Client: ABC Liovin Drilling, Inc Job Number: 440-221856-1

Login Number: 221856 List Source: TestAmerica St. Louis List Number: 2 List Creation: 10/11/18 10:42 AM

Creator: Hellm. Michael

Creator: Heilm, Michael		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	

True

N/A

Samples do not require splitting or compositing.

Residual Chlorine Checked.

Tracer/Carrier Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water Prep Type: Total/NA

			Percent Yield (Acceptance Limits)
		Ba Carrier	
Lab Sample ID	Client Sample ID	(40-110)	
440-221856-1	Well #4	100	
LCS 160-394895/1-A	Lab Control Sample	100	
LCSD 160-394895/2-A	Lab Control Sample Dup	98.2	
MB 160-394895/23-A	Method Blank	98.8	
Tracer/Carrier Legend	i		
Ba Carrier = Ba Carrier	•		

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water Prep Type: Total/NA

				Percent Yield (Acceptance Limits)
		Ba Carrier	Y Carrier	
Lab Sample ID	Client Sample ID	(40-110)	(40-110)	
440-221856-1	Well #4	100	87.1	
LCS 160-394900/1-A	Lab Control Sample	100	85.2	
LCSD 160-394900/2-A	Lab Control Sample Dup	98.2	89.0	
MB 160-394900/23-A	Method Blank	98.8	84.1	
Tracer/Carrier Legend				
Ba Carrier = Ba Carrier				
Y Carrier = Y Carrier				

Method: 905 - Strontium-90 (GFPC)

Y Carrier = Y Carrier

Matrix: Water Prep Type: Total/NA

				Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Sr Carrier (40-110)	Y Carrier (40-110)	
440-221856-1	Well #4	80.2	96.1	
LCS 160-399937/1-A	Lab Control Sample	80.7	96.8	
LCSD 160-399937/2-A	Lab Control Sample Dup	74.7	94.6	
MB 160-399937/5-A	Method Blank	84.7	95.0	
Tracer/Carrier Legend	l			
Sr Carrier = Sr Carrier				

TestAmerica Irvine

_

1

5

7

10

12

14

15

16

17

Isotope Dilution Summary

Client: ABC Liovin Drilling, Inc Project/Site: Yurok Indian Tribe TestAmerica Job ID: 440-221856-1

Method: 1613B - Tetra Chlorinated Dioxin (HRGC/HRMS)

Matrix: Water Prep Type: Total/NA

			Percent Isotope Dilution Recovery (Acceptance Limits)
		TCDD	
Lab Sample ID	Client Sample ID	(31-137)	
440-221856-1	Well #4	71	
MB 320-252729/1-A	Method Blank	66	
Surrogate Legend			
TCDD = 13C-2,3,7,8-	TCDD		

Method: 1613B - Tetra Chlorinated Dioxin (HRGC/HRMS)

Matrix: Water Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)		
		TCDD		
Lab Sample ID	Client Sample ID	(25-141)		
LCS 320-252729/2-A	Lab Control Sample	65		
LCSD 320-252729/3-A	Lab Control Sample Dup	58		
Surrogate Legend				
TCDD = 13C-2,3,7,8-T	CDD			

Page 78 of 79

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

Sacramento Sample Receiving Notes



Job:

440-221856 Field Sheet

Thorm ID: AK 2 / AK 3 / AK 5 / AK 6 / A	ACCI	2/04	her
(+0.7°C)	IACCI	700	1101
lce Wet Gel	Other	r	
Cooler Custody Seal: Seal			
Sample Custody Seal:			
Temp: Observed O. Q Corrected	0.	2	
From: Temp Blank Sample	1		
NCM Filed: Yes □ No			
	Yes	No	NA
Perchlorate has headspace?		D	-0
Alkalinity has no headspace?	D		-0
CoC is complete w/o discrepancies?	1	D	
Samples received within holding time?	-0		
Sample preservatives verified?		D	-0
Cooler compromised/tampered with?		0	
Samples compromised/tampered with?		0	
Samples w/o discrepancies?	4		
Sample containers have legible labels?		D	
Containers are not broken or leaking?	-	D	
Sample date/times are provided.		D	
Appropriate containers are used?	1		
Sample bottles are completely filled?	with the last		
Zero headspace?*			-0
Multiphasic samples are not present?	-0		
Sample temp OK?	-0	D	
Sample out of temp?		-D-	
	Cooler Custody Seal: Seal	Cooler Custody Seal:	Cooler Custody Seal: Sample Custody Seal: Sample Custody Seal: Cooler ID: Temp: Observed On Sample Description No Descriptio

W20EMG

WIGE

2:\QA-812 SAMPLE RECEIVING NOTES.DOC QA-812 TGT 08/29/2018

APPENDIX B EDR RADIUS MAP REPORT

Klamath 101 Wells Klamath APN 140-060-020 Klamath, CA 95548

Inquiry Number: 5726703.2s

July 23, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 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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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

KLAMATH APN 140-060-020 KLAMATH, CA 95548

COORDINATES

Latitude (North): 41.5274590 - 41° 31' 38.85" Longitude (West): 124.0393360 - 124° 2' 21.60"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 413287.8 UTM Y (Meters): 4597621.5

Elevation: 29 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602258 REQUA, CA

Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140607 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: KLAMATH APN 140-060-020 KLAMATH, CA 95548

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
Reg	YUROK RESERVATION		INDIAN RESERV	Same	1 ft.
A1	VERIZON WEST COAST -	1405 PJ MURPHY DRIVE	LUST, HIST UST, EMI, CERS	Higher	89, 0.017, SE
A2	OLD TOWNSITE 1	101 ALDER CAMP ROAD	US BROWNFIELDS, FINDS	Higher	299, 0.057, SE
3	CATS RV	145 ALDER CAMP ROAD	US BROWNFIELDS, FINDS	Lower	536, 0.102, SW
B4	FORMER KLAMATH MILL	200 KLAMATH MILL RD	US BROWNFIELDS, FINDS	Higher	1138, 0.216, ESE
B5	GREEN DIAMOND RESOUR	200 KLAMATH MILL ROA	AST	Higher	1138, 0.216, ESE
6	SIMPSON TIMBER COMPA		CPS-SLIC	Higher	1518, 0.287, NNW
C7	TEXACO, KLAMATH	299 HIGHWAY 169	LUST, HIST UST, HIST CORTESE, CERS	Higher	2335, 0.442, SE
C8	GAS FOR LESS	299 STATE HIGHWAY 16	US BROWNFIELDS, FINDS	Higher	2347, 0.445, SE
C9	TEXACO, KLAMATH	HIGHWAY 169 299	LUST	Higher	2354, 0.446, SE

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 N	VPL s	ite list
-----------	-------	----------

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

Federal Delisted NPL site list

Delisted NPL...... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY	Federal Facility Site Information listing
SEMS	Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

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

LUCIS	Land Use Control Information System
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

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY..... Recycler Database

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

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

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites Database

SCH...... School Property Evaluation Program

CDL...... Clandestine Drug Labs CERS HAZ WASTE..... CERS HAZ WASTE Toxic Pits...... Toxic Pits Cleanup Act Sites

US CDL...... National Clandestine Laboratory Register PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing

CERS TANKS..... California Environmental Reporting System (CERS) Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing LIENS 2..... CERCLA Lien Information 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 SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR........ RCRA - Non Generators / No Longer Regulated

FUDS..... Formerly Used Defense Sites DOD...... Department of Defense Sites

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION.......... 2020 Corrective Action Program List

TSCA...... Toxic Substances Control Act
TRIS...... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems ROD...... Records Of Decision RMP..... Risk Management Plans

RAATS...... RCRA Administrative Action Tracking System

PRP..... Potentially Responsible Parties PADS...... PCB Activity Database System

ICIS..... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

..... Material Licensing Tracking System COAL ASH DOE..... Steam-Electric Plant Operation Data

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

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

RADINFO...... Radiation Information Database

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

DOT OPS..... Incident and Accident Data

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

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

US MINES...... Mines Master Index File ABANDONED MINES..... Abandoned Mines

FINDS______Facility Index System/Facility Registry System DOCKET HWC..... Hazardous Waste Compliance Docket Listing ECHO..... Enforcement & Compliance History Information

UXO...... Unexploded Ordnance Sites

FUELS PROGRAM..... EPA Fuels Program Registered Listing

CA BOND EXP. PLAN..... Bond Expenditure Plan

Cortese "Cortese" Hazardous Waste & Substances Sites List

CUPA Listings..... CUPA Resources List DRYCLEANERS..... Cleaner Facilities

EMI..... Emissions Inventory Data ENF..... Enforcement Action Listing

Financial Assurance Financial Assurance Information Listing

HAZNET Facility and Manifest Data

ICE.....ICE

HWP..... EnviroStor Permitted Facilities Listing

HWT______ Registered Hazardous Waste Transporter Database

MINES..... Mines Site Location Listing

MWMP..... Medical Waste Management Program Listing

NPDES...... NPDES Permits Listing

PEST LIC..... Pesticide Regulation Licenses Listing PROC..... Certified Processors Database

Notify 65..... Proposition 65 Records

UIC Listing

UIC GEO...... UIC GEO (GEOTRACKER) WASTEWATER PITS...... Oil Wastewater Pits Listing WDS..... Waste Discharge System

WIP..... Well Investigation Program Case List MILITARY PRIV SITES...... MILITARY PRIV SITES (GEOTRACKER)

PROJECT.....PROJECT (GEOTRACKER)

WDR...... Waste Discharge Requirements Listing CIWQS California Integrated Water Quality System

CERS..... CERS

NON-CASE INFO...... NON-CASE INFO (GEOTRACKER) OTHER OIL GAS..... OTHER OIL & GAS (GEOTRACKER) PROD WATER PONDS...... PROD WATER PONDS (GEOTRACKER) SAMPLING POINT..... SAMPLING POINT (GEOTRACKER)

WELL STIM PROJ...... Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR Hist Auto_____ EDR Exclusive Historical Auto Stations EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

RGA LUST...... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERIZON WEST COAST - Database: LUST, Date of Government Status: Completed - Case Closed Global Id: T0601500086	1405 PJ MURPHY DRIVE Version: 12/10/2018	SE 0 - 1/8 (0.017 mi.)	A1	8
TEXACO, KLAMATH Database: LUST, Date of Government Status: Completed - Case Closed Global Id: T0601500031	299 HIGHWAY 169 Version: 12/10/2018	SE 1/4 - 1/2 (0.442 mi.)	C7	21
TEXACO, KLAMATH Database: LUST REG 1, Date of Gove Facility Id: 1TDN039	HIGHWAY 169 299 rnment Version: 02/01/2001	SE 1/4 - 1/2 (0.446 mi.)	C9	29

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIMPSON TIMBER COMPA		NNW 1/4 - 1/2 (0.287 mi.)	6	20
Database: SLIC REG 1. Date of Governmen	t Version: 04/03/2003			

Facility Id: 1NDN152

State and tribal registered storage tank lists

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
GREEN DIAMOND RESOUR	200 KLAMATH MILL ROA	ESE 1/8 - 1/4 (0.216 mi.)	B5	20	
Database: AST Date of Government Vers					

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there are 4 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance		Page
OLD TOWNSITE 1 ACRES property ID: 150212	101 ALDER CAMP ROAD	SE 0 - 1/8 (0.057 mi.)	A2	11
FORMER KLAMATH MILL ACRES property ID: 150361	200 KLAMATH MILL RD	ESE 1/8 - 1/4 (0.216 mi.)	B4	17
GAS FOR LESS ACRES property ID: 157403	299 STATE HIGHWAY 16	SE 1/4 - 1/2 (0.445 mi.)	C8	26
Lower Elevation	Address	Direction / Distance	Map ID	Page
CATS RV ACRES property ID: 150362	145 ALDER CAMP ROAD	SW 0 - 1/8 (0.102 mi.)	3	14

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERIZON WEST COAST -	1405 PJ MURPHY DRIVE	SE 0 - 1/8 (0.017 mi.)	A1	8

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 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	ual/Higher Elevation Address		Map ID	Page
YUROK RESERVATION		0 - 1/8 (0.000 mi.)	0	8

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

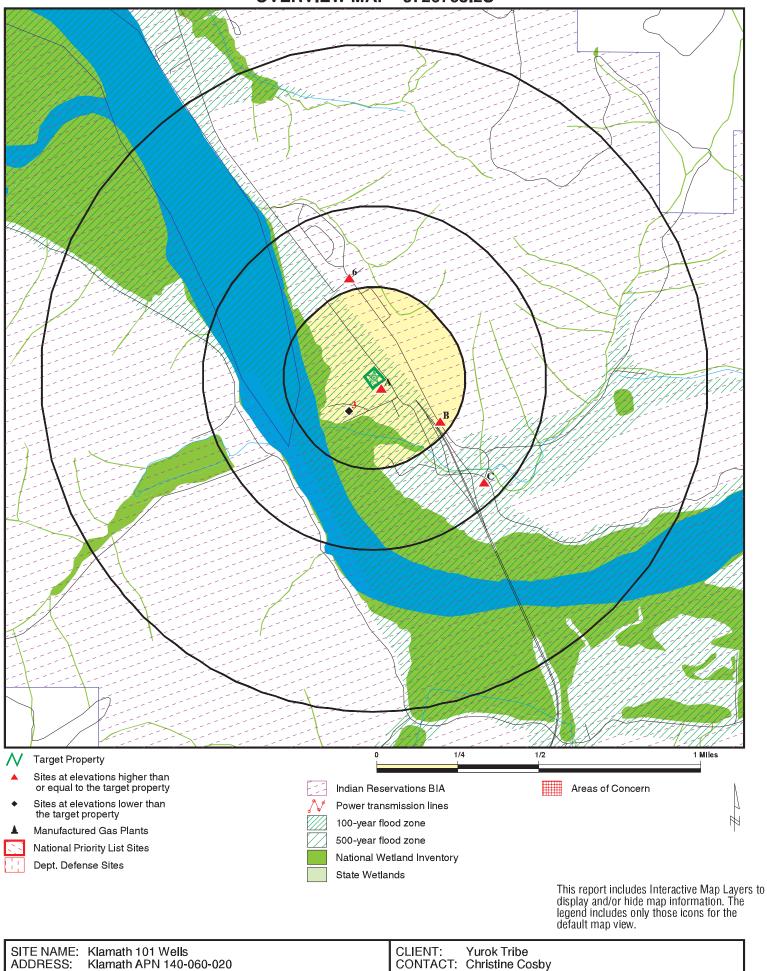
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
TEXACO, KLAMATH Reg.ld: 1TDN039	299 HIGHWAY 169	SE 1/4 - 1/2 (0.442 mi.)	C7	21	

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name Database(s)

RIVERSIDE RV PARK LUST SIMPSON TIMBER COMPANY KLAMATH SWD CPS-SLIC

OVERVIEW MAP - 5726703.2S



ADDRESS:

LAT/LONG:

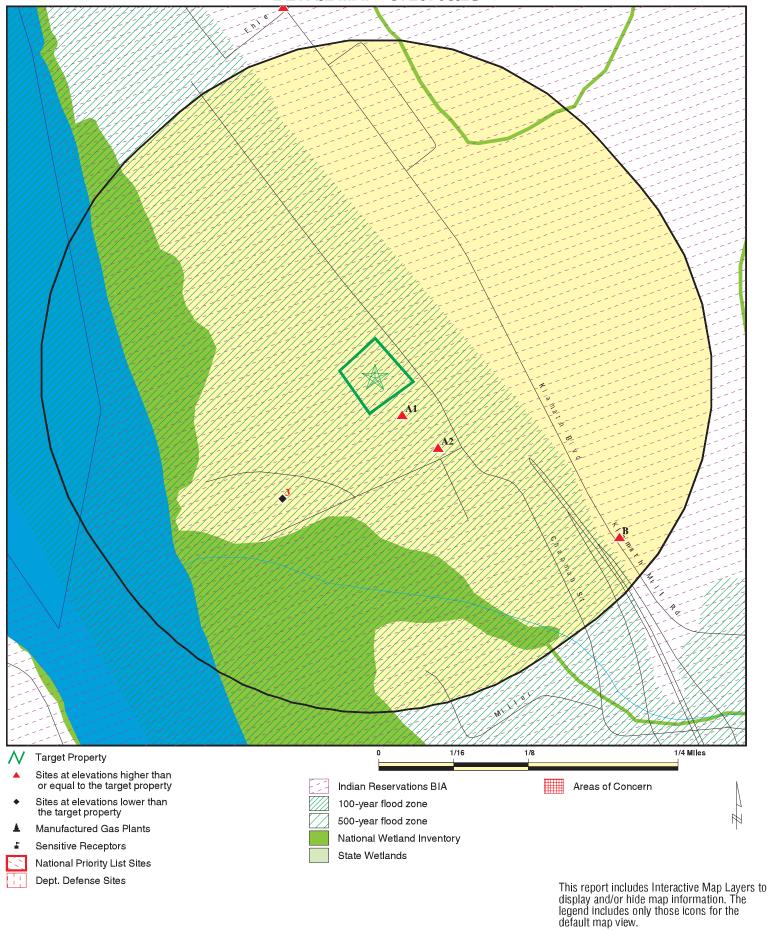
Klamath APN 140-060-020 Klamath CA 95548

41.527459 / 124.039336

DATE: July 23, 2019 8:46 pm Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

INQUIRY#: 5726703.2s

DETAIL MAP - 5726703.2S



July 23, 2019 8:50 pm Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

CLIENT: Yurok Tribe CONTACT: Christine Cosby

INQUIRY#: 5726703.2s

DATE:

SITE NAME: Klamath 101 Wells

Klamath APN 140-060-020 Klamath CA 95548

41.527459 / 124.039336

ADDRESS:

LAT/LONG:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted			
STANDARD ENVIRONMENTAL RECORDS											
Federal NPL site list											
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0			
Federal Delisted NPL sit	e list										
Delisted NPL	1.000		0	0	0	0	NR	0			
Federal CERCLIS list											
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0			
Federal CERCLIS NFRA	P site list										
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0			
Federal RCRA CORRACTS facilities list											
CORRACTS	1.000		0	0	0	0	NR	0			
Federal RCRA non-COR	RACTS TSD f	acilities list									
RCRA-TSDF	0.500		0	0	0	NR	NR	0			
Federal RCRA generator	rs list										
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0			
Federal institutional con engineering controls reg											
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0			
Federal ERNS list											
ERNS	0.001		0	NR	NR	NR	NR	0			
State- and tribal - equiva	alent NPL										
RESPONSE	1.000		0	0	0	0	NR	0			
State- and tribal - equiva	alent CERCLIS	3									
ENVIROSTOR	1.000		0	0	0	0	NR	0			
State and tribal landfill and/or solid waste disposal site lists											
SWF/LF	0.500		0	0	0	NR	NR	0			
State and tribal leaking	storage tank l	ists									
LUST	0.500		1	0	2	NR	NR	3			

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST CPS-SLIC	0.500 0.500		0 0	0	0	NR NR	NR NR	0 1
State and tribal registere	d storage tar	nk lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 1 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 1 0
State and tribal voluntary	cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		2	1	1	NR	NR	4
Local Lists of Landfill / S Waste Disposal Sites	olid							
WMUDS/SWAT SWRCY HAULERS INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.001 0.500 0.500 0.500 0.500		0 0 0 0 0 0	0 0 NR 0 0 0	0 0 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL HIST Cal-Sites SCH CDL CERS HAZ WASTE Toxic Pits US CDL PFAS	0.001 1.000 0.250 0.001 0.250 1.000 0.001		0 0 0 0 0 0	NR 0 0 NR 0 0 NR NR	NR 0 NR NR NR 0 NR	NR 0 NR NR NR 0 NR NR	NR NR NR NR NR NR NR	0 0 0 0 0 0
Local Lists of Registered	Storage Tar	iks						
SWEEPS UST HIST UST CERS TANKS CA FID UST	0.250 0.250 0.250 0.250		0 1 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 1 0 0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2 DEED	0.001 0.500		0 0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency I	Release Repo	rts						
HMIRS CHMIRS LDS MCS SPILLS 90	0.001 0.001 0.001 0.001 0.001		0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES	0.250 1.000 1.000 0.500 0.001		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 RR 0 RR N 0 RR N N N N N N N N N	NROOORR R R R OR R R R R R R R OR R R R	NR O O NR NR NR NR O R NR NR R R R R R R	NR N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ABANDONED MINES FINDS DOCKET HWC ECHO UXO FUELS PROGRAM CA BOND EXP. PLAN Cortese CUPA Listings	0.001 0.001 0.001 0.001 1.000 0.250 1.000 0.500 0.250		0 0 0 0 0 0	NR NR NR O O O	NR NR NR NR O NR O NR	NR NR NR O NR O NR	NR NR NR NR NR NR NR	0 0 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.250		0 0	NR	NR NR	NR NR	NR NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		Ő	NR	NR	NR	NR	Ő
HIST CORTESE	0.500		Ö	0	1	NR	NR	1
HWP	1.000		Ö	Ō	0	0	NR	Ó
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT WDR	0.001		0 0	NR NR	NR NR	NR NR	NR NR	0
CIWQS	0.001 0.001		0	NR	NR	NR	NR	0 0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		Ŏ	NR	NR	NR	NR	Ő
WELL STIM PROJ	0.001		Ō	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICA	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERN	MENT ARCHIV	/ES						
Exclusive Recovered Go	vt. Archives							
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals		0	5	2	5	0	0	12

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

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

IND RES YUROK RESERVATION INDIAN RESERV CIND200360
Region N/A

, CA

< 1/8 1 ft.

INDIAN RESERV:

Feature: Indian Reservation Name: Yurok Reservation

Agency: BIA

A1 VERIZON WEST COAST - REQUA/KLAMATH LUST \$109604355

SE 1405 PJ MURPHY DRIVE HIST UST N/A

< 1/8 KLAMATH, CA 93618 EMI

0.017 mi. CERS

89 ft. Site 1 of 2 in cluster A

Relative: LUST: Higher Name: FAA REQUA

Actual: Address: 1405 PJ MURPHY MEM DRIVE

29 ft. City,State,Zip: KLAMATH, CA 95548

Lead Agency: NORTH COAST RWQCB (REGION 1)

Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601500086

Global Id: T0601500086

Latitude: 41.555320378211

Longitude: -124.08100605011

Status: Completed - Case Closed

Status Date: 10/22/1996
Case Worker: ZZZ
RB Case Number: 1TDN104

Local Agency: DEL NORTE COUNTY

File Location: Not reported Local Case Number: Not reported Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

LUST:

Global Id: T0601500086

Contact Type: Regional Board Caseworker

Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A

City: SANTA ROSA

Email: craig.hunt@waterboards.ca.gov

Phone Number: 7075762220

LUST:

 Global Id:
 T0601500086

 Action Type:
 Other

 Date:
 09/17/1995

 Action:
 Leak Discovery

 Global Id:
 T0601500086

 Action Type:
 Other

 Date:
 09/17/1995

 Action:
 Leak Stopped

Global Id: T0601500086

Direction Distance

Elevation Site Database(s) EPA ID Number

VERIZON WEST COAST - REQUA/KLAMATH (Continued)

S109604355

EDR ID Number

Action Type: Other
Date: 09/17/1995
Action: Leak Reported

 Global Id:
 T0601500086

 Action Type:
 ENFORCEMENT

 Date:
 09/17/1995

Action: * Historical Enforcement

LUST:

Global Id: T0601500086

Status: Completed - Case Closed

Status Date: 10/22/1996

Global Id: T0601500086

Status: Open - Case Begin Date

Status Date: 09/17/1995

Global Id: T0601500086
Status: Open - Remediation

Status Date: 10/21/1996

Global Id: T0601500086

Status: Open - Site Assessment

Status Date: 09/17/1995

Global Id: T0601500086

Status: Open - Site Assessment

Status Date: 10/21/1996

Global Id: T0601500086

Status: Open - Verification Monitoring

Status Date: 10/21/1996

HIST UST:

Name: CEC ARSR

Address: 1405 PJ MURPHY MEM DR City, State, Zip: KROSS STREET, CA 95548

File Number: 0002321B

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002321B.pdf

Region: Not reported Not reported Facility ID: Facility Type: Not reported Other Type: Not reported Contact Name: Not reported Telephone: Not reported Owner Name: Not reported Owner Address: Not reported Owner City, St, Zip: Not reported Total Tanks: Not reported

Tank Num: Not reported Container Num: Not reported Year Installed: Not reported Tank Capacity: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

VERIZON WEST COAST - REQUA/KLAMATH (Continued)

S109604355

EDR ID Number

Tank Used for:
Type of Fuel:
Container Construction Thickness:
Leak Detection:
Not reported
Not reported
Not reported

Click here for Geo Tracker PDF:

EMI:

Name: VERIZON WEST COAST - REQUA/KLAMATH

Address: 1405 PJ MURPHY DRIVE City, State, Zip: KLAMATH, CA 93618

 Year:
 2007

 County Code:
 8

 Air Basin:
 NC

 Facility ID:
 948

 Air District Name:
 NCU

 SIC Code:
 4899

Air District Name: NORTH COAST UNIFIED AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: .0045534839249432293

Reactive Organic Gases Tons/Yr: .0038099
Carbon Monoxide Emissions Tons/Yr: .0126999
NOX - Oxides of Nitrogen Tons/Yr: .03439
SOX - Oxides of Sulphur Tons/Yr: .0024499

Particulate Matter Tons/Yr: .0022744877049180327

Part. Matter 10 Micrometers and Smllr Tons/Yr:.0022199

Name: VERIZON WEST COAST - REQUA/KLAMATH

Address: 1405 PJ MURPHY DRIVE City, State, Zip: KLAMATH, CA 95548

 Year:
 2008

 County Code:
 8

 Air Basin:
 NC

 Facility ID:
 948

 Air District Name:
 NCU

 SIC Code:
 4813

Air District Name: NORTH COAST UNIFIED AQMD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: .0116193378749850603

Reactive Organic Gases Tons/Yr: .0097219
Carbon Monoxide Emissions Tons/Yr: .0262926
NOX - Oxides of Nitrogen Tons/Yr: .1220139
SOX - Oxides of Sulphur Tons/Yr: .00001353

Particulate Matter Tons/Yr: .0035557377049180327

Part. Matter 10 Micrometers and Smllr Tons/Yr:.0034704

CERS:

Name: VERIZON WEST COAST - REQUA/KLAMATH

Address: 1405 PJ MURPHY DRIVE City, State, Zip: KLAMATH, CA 95548

Site ID: 502805 CERS ID: 110054268813

CERS Description: US EPA Air Emission Inventory System (EIS)

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

VERIZON WEST COAST - REQUA/KLAMATH (Continued)

S109604355

Name: FAA REQUA

Address: 1405 PJ MURPHY MEM DRIVE

City, State, Zip: KLAMATH, CA 95548

 Site ID:
 200588

 CERS ID:
 T0601500086

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker

Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)

Entity Title: Not reported

Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A

Affiliation City: SANTA ROSA

Affiliation State: CA

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

-

A2 OLD TOWNSITE 1 US BROWNFIELDS 1015781070
SE 101 ALDER CAMP ROAD FINDS N/A

OLD TOWNSITE 1

Yurok Tribe

< 1/8 KLAMATH, CA 95548

0.057 mi.

299 ft. Site 2 of 2 in cluster A

Relative: US BROWNFIELDS:

Higher Property Name:

Actual: Recipient Name:

30 ft. Grant Type: Section 128(a) State/Tribal

Property Number:
Parcel size:
Latitude:
Longitude:

Not reported
28
41.5266
-124.03830

HCM Label: Address Matching-House Number

Map Scale: Not reported

Point of Reference: Entrance Point of a Facility or Station

Highlights: Not reported

Datum: North American Datum of 1983

Acres Property ID: 150212 IC Data Access: Not reported Start Date: Not reported Redev Completition Date: Not reported Completed Date: Not reported Acres Cleaned Up: Not reported Not reported Cleanup Funding: Cleanup Funding Source: Not reported Assessment Funding: 1000

Assessment Funding Source: US EPA - State & Tribal Section 128(a) Funding

Redevelopment Funding:
Redev. Funding Source:
Redev. Funding Entity Name:
Redevelopment Start Date:
Assessment Funding Entity:
Cleanup Funding Entity:

Not reported
EPA
Not reported
Not reported

Grant Type: N/A

Accomplishment Type: Phase I Environmental Assessment

Accomplishment Count: 1

Cooperative Agreement Number: 00T12901

Direction Distance Elevation

Site Database(s) EPA ID Number

OLD TOWNSITE 1 (Continued)

1015781070

EDR ID Number

Start Date: 02/16/2010 00:00:00

Ownership Entity: Private

Completion Date: 09/30/2010 00:00:00
Current Owner: Larry Zane Hendrix

Did Owner Change:

Cleanup Required:

Video Available:

Photo Available:

Y
Institutional Controls Required:

N

IC Category Proprietary Controls:
IC Cat. Info. Devices:
IC Cat. Gov. Controls:
IC Cat. Enforcement Permit Tools:
IC Cat. Enforcement Permit Tools:
IC in place date:
IN Not reported
Not reported
Not reported

IC in place:

State/tribal program date: 10/01/2010 00:00:00

State/tribal program ID: Not reported State/tribal NFA date: Not reported Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Asbestos cleaned: Not reported Not reported Controled substance found: Controled substance cleaned: Not reported Drinking water affected: Not reported Drinking water cleaned: Not reported Groundwater affected: Not reported Groundwater cleaned: Not reported Lead contaminant found: Not reported Not reported Lead cleaned up: No media affected: Not reported Unknown media affected: Not reported Other cleaned up: Not reported Other metals found: Not reported Not reported Other metals cleaned: Not reported Other contaminants found: Not reported Other contams found description: PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported

Petro products found:

Petro products cleaned:

Sediments found:

Sediments cleaned:

Not reported

Not reported

Not reported

Soil affected: Y

Soil cleaned up: Not reported Surface water cleaned: Not reported VOCs found: Not reported VOCs cleaned: Not reported Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported Not reported Past use greenspace acreage: Past use residential acreage: Not reported Surface Water: Not reported

Past use commercial acreage: .28

Past use industrial acreage: Not reported

Distance Elevation Site

ite Database(s) EPA ID Number

OLD TOWNSITE 1 (Continued)

1015781070

EDR ID Number

Future use greenspace acreage: Not reported Future use residential acreage: Not reported Future use commercial acreage: Not reported Future use industrial acreage: Not reported Greenspace acreage and type: Not reported Superfund Fed. landowner flag: Not reported Arsenic cleaned up: Not reported Cadmium cleaned up: Not reported Chromium cleaned up: Not reported Copper cleaned up: Not reported Iron cleaned up: Not reported mercury cleaned up: Not reported Nickel Cleaned Up: Not reported No clean up: Not reported Pesticides cleaned up: Not reported Selenium cleaned up: Not reported Not reported SVOCs cleaned up: Unknown clean up: Not reported Arsenic contaminant found: Not reported Cadmium contaminant found: Not reported Not reported Chromium contaminant found: Copper contaminant found: Not reported Iron contaminant found: Not reported Mercury contaminant found: Not reported Nickel contaminant found: Not reported Not reported No contaminant found: Pesticides contaminant found: Not reported Selenium contaminant found: Not reported SVOCs contaminant found: Not reported Unknown contaminant found: Not reported Future Use: Multistory Not reported Media affected Bluiding Material: Not reported Media affected indoor air: Not reported Building material media cleaned up: Not reported Not reported Indoor air media cleaned up: Not reported Unknown media cleaned up: Past Use: Multistory Not reported

Property Description: The property is part of the previously commercially zoned, Old Klamath

Town site that was vacated after the 1964 flood. It is 1/4 mile west of the Klamath River; principally a concrete surface with scrub vegetation and the remains of a former service station (collapsed walls), a hydraulic lift remains in a partially raised position,

remnant fuel dispensing islands and USTs with open ventilation holes. The property is currently zoned seasonal recreation use only and is permitted through the Del Norte County Planning department. / The property is privately owned; prior to the flood by Harold Hansen; transferred to Hensel's Trustees in 1973; purchased in 1997 by Larry

Hendrix.

Below Poverty Number: 7

Below Poverty Percent: 25.0%

Meidan Income: 112

Meidan Income Number: 13

Meidan Income Percent: 46.4%

Vacant Housing Number: 2

Vacant Housing Percent: 19.4%

Unemployed Number: 2

Unemployed Percent: 7.1%

MAP FINDINGS Map ID

Direction Distance

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

OLD TOWNSITE 1 (Continued)

1015781070

FINDS:

Registry ID: 110054625857

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)

is an federal online database for Brownfields Grantees to

electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CATS RV US BROWNFIELDS 1015781071 SW 145 ALDER CAMP ROAD **FINDS** N/A

< 1/8 0.102 mi.

536 ft.

US BROWNFIELDS: Relative: Lower Property Name:

KLAMATH, CA 95548

CATS RV Recipient Name: Yurok Tribe Actual:

Section 128(a) State/Tribal Grant Type: 25 ft.

Property Number: 140-110-06 Parcel size: 5.93 Latitude: 41.5046353 Longitude: -124.0706377

HCM Label: Address Matching-House Number

Map Scale: Not reported

Point of Reference: Entrance Point of a Facility or Station

Highlights: Not reported

Datum: North American Datum of 1983

150362 Acres Property ID: IC Data Access: Not reported Not reported Start Date: Redev Completition Date: Not reported Completed Date: Not reported Acres Cleaned Up: Not reported Cleanup Funding: Not reported Cleanup Funding Source: Not reported Assessment Funding: 1000

Assessment Funding Source: US EPA - State & Tribal Section 128(a) Funding

Redevelopment Funding: Not reported Redev. Funding Source: Not reported Redev. Funding Entity Name: Not reported Redevelopment Start Date: Not reported Assessment Funding Entity: **EPA** Cleanup Funding Entity: Not reported

Grant Type: Hazardous & Petroleum

Accomplishment Type: Phase I Environmental Assessment

Accomplishment Count:

Cooperative Agreement Number: 00T12901

Start Date: 04/11/2012 00:00:00

Ownership Entity: Government

Completion Date: 09/05/2012 00:00:00

Current Owner: Yurok Economic Development Corporation

Did Owner Change: Ν

Direction Distance Elevation

Site Database(s) EPA ID Number

CATS RV (Continued) 1015781071

Cleanup Required: N
Video Available: N
Photo Available: Y
Institutional Controls Required: N

IC Category Proprietary Controls:

IC Cat. Info. Devices:

IC Cat. Gov. Controls:

IC Cat. Enforcement Permit Tools:

IC in place date:

Not reported

Not reported

Not reported

Not reported

IC in place:

State/tribal program date: 10/03/2011 00:00:00

State/tribal program ID: Not reported State/tribal NFA date: Not reported Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Not reported Asbestos cleaned: Controled substance found: Not reported Controled substance cleaned: Not reported Drinking water affected: Not reported Drinking water cleaned: Not reported Groundwater affected: Not reported Not reported Groundwater cleaned: Lead contaminant found: Not reported Lead cleaned up: Not reported No media affected:

Not reported Unknown media affected: Other cleaned up: Not reported Other metals found: Not reported Not reported Other metals cleaned: Other contaminants found: Not reported Other contams found description: Not reported Not reported PAHs found: PAHs cleaned up: Not reported PCBs found: Not reported Not reported PCBs cleaned up: Not reported Petro products found: Petro products cleaned: Not reported Sediments found: Not reported Sediments cleaned: Not reported Soil affected: Not reported Not reported Soil cleaned up: Surface water cleaned: Not reported VOCs found: Not reported Not reported VOCs cleaned: Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported

Past use greenspace acreage:
Past use residential acreage:
Not reported
Not reported
Not reported
Not reported

Past use commercial acreage: 5.93

Past use industrial acreage:

Future use greenspace acreage:

Not reported

Not reported

Not reported

Not reported

Future use commercial acreage: 5.93

Future use industrial acreage: Not reported Greenspace acreage and type: Not reported

EDR ID Number

Distance
Elevation Site

Database(s)

EDR ID Number EPA ID Number

CATS RV (Continued) 1015781071

Superfund Fed. landowner flag: Not reported Arsenic cleaned up: Not reported Cadmium cleaned up: Not reported Chromium cleaned up: Not reported Copper cleaned up: Not reported Iron cleaned up: Not reported mercury cleaned up: Not reported Nickel Cleaned Up: Not reported No clean up: Not reported Pesticides cleaned up: Not reported Selenium cleaned up: Not reported SVOCs cleaned up: Not reported Unknown clean up: Not reported Arsenic contaminant found: Not reported Cadmium contaminant found: Not reported Chromium contaminant found: Not reported Not reported Copper contaminant found: Iron contaminant found: Not reported Mercury contaminant found: Not reported Nickel contaminant found: Not reported Not reported No contaminant found: Pesticides contaminant found: Not reported Selenium contaminant found: Not reported SVOCs contaminant found: Not reported Unknown contaminant found: Not reported Not reported Future Use: Multistory Media affected Bluiding Material: Not reported Media affected indoor air: Not reported Building material media cleaned up: Not reported Not reported Indoor air media cleaned up: Unknown media cleaned up: Not reported Past Use: Multistory Not reported

Property Description: The Subject Property is currently used as a seasonal recreational

vehicle park that can accommodate up to 25 recreational vehicles with three structures on the Site. It borders the Klamath River and is on FEMA flood plain. Two structures are single wide trailers that serve as the park managers quarters and offices. There is a small wood shed that is adjacent to the second mobile home. The third structure has separate shower and restroom facilities for ladies and men with two stalls and two showers each. The property and adjacent lands were washed out in the 1964 floods and the adjacent lands although formally developed lands, remain vacant. Possibly three different gas stations were on adjacent properties. There is evidence of flood debris on the property boundaries that border the Klamath Rr. Previous private owner

was Harvey A. Smith.

Below Poverty Number: 7
Below Poverty Percent: 25.0%
Meidan Income: 112
Meidan Income Number: 13
Meidan Income Percent: 46.4%
Vacant Housing Number: 2
Vacant Housing Percent: 19.4%
Unemployed Number: 2

Unemployed Percent: 7.1%

FINDS:

Direction Distance

Elevation Site Database(s) EPA ID Number

CATS RV (Continued) 1015781071

Registry ID: 110054625866

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)

is an federal online database for Brownfields Grantees to

electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

B4 FORMER KLAMATH MILL US BROWNFIELDS 1015888667
ESE 200 KLAMATH MILL RD FINDS N/A

FORMER KLAMATH MILL

1/8-1/4 0.216 mi.

1138 ft. Site 1 of 2 in cluster B

KLAMATH, CA 95548

Relative: US BROWNFIELDS: Higher Property Name:

Actual: Recipient Name: Yurok Tribe

77 ft. Grant Type: Section 128(a) State/Tribal

Property Number: Not reported Parcel size: 380

Parcel size: 380 Latitude: 41.52689

Longitude: -124.0263029999998

HCM Label: Address Matching-House Number

Map Scale: Not reported

Point of Reference: Entrance Point of a Facility or Station

Highlights: Not reported

Datum: North American Datum of 1983

Acres Property ID: 150361 IC Data Access: Not reported Not reported Start Date: Redev Completition Date: Not reported Completed Date: Not reported Acres Cleaned Up: Not reported Cleanup Funding: Not reported Cleanup Funding Source: Not reported Assessment Funding: 1500

Assessment Funding Source: US EPA - State & Tribal Section 128(a) Funding

Redevelopment Funding:
Redev. Funding Source:
Redev. Funding Entity Name:
Redevelopment Start Date:
Assessment Funding Entity:

Not reported
Not reported
EPA

Cleanup Funding Entity: Not reported

Grant Type: N/A

Accomplishment Type: Phase I Environmental Assessment

Accomplishment Count: 1

Cooperative Agreement Number: 00T12901

Start Date: 01/03/2011 00:00:00

Ownership Entity: Private

Completion Date: 08/05/2011 00:00:00
Current Owner: Green Diamond Resources

Did Owner Change:

Cleanup Required:

Video Available:

Photo Available:

Y

EDR ID Number

Distance Elevation Site

Database(s)

FORMER KLAMATH MILL (Continued)

1015888667

EDR ID Number

EPA ID Number

Institutional Controls Required: U

IC Category Proprietary Controls:
IC Cat. Info. Devices:
IC Cat. Gov. Controls:
IC Cat. Enforcement Permit Tools:
IC in place date:

Not reported
Not reported
Not reported
Not reported

IC in place: N

State/tribal program date: Not reported State/tribal program ID: Not reported State/tribal NFA date: Not reported Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Asbestos cleaned: Not reported Controled substance found: Not reported Controled substance cleaned: Not reported Not reported Drinking water affected: Drinking water cleaned: Not reported

Groundwater affected:

Not reported Groundwater cleaned: Lead contaminant found: Not reported Lead cleaned up: Not reported No media affected: Not reported Unknown media affected: Not reported Other cleaned up: Not reported Other metals found: Not reported Other metals cleaned: Not reported Other contaminants found: Not reported Other contams found description: Not reported PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported Petro products found: Not reported Petro products cleaned: Not reported Not reported Sediments found: Sediments cleaned: Not reported

Soil affected: Y

Soil cleaned up: Not reported Surface water cleaned: Not reported VOCs found: Not reported VOCs cleaned: Not reported Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported Past use greenspace acreage: Not reported Past use residential acreage: Not reported

Surface Water: Y

Past use commercial acreage: Not reported Past use industrial acreage: Not reported Not reported Future use greenspace acreage: Future use residential acreage: Not reported Future use commercial acreage: Not reported Not reported Future use industrial acreage: Greenspace acreage and type: Not reported Superfund Fed. landowner flag: Not reported Arsenic cleaned up: Not reported Cadmium cleaned up: Not reported

MAP FINDINGS Map ID Direction

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

FORMER KLAMATH MILL (Continued)

1015888667

Chromium cleaned up: Not reported Copper cleaned up: Not reported Not reported Iron cleaned up: mercury cleaned up: Not reported Nickel Cleaned Up: Not reported Not reported No clean up: Not reported Pesticides cleaned up: Selenium cleaned up: Not reported SVOCs cleaned up: Not reported Unknown clean up: Not reported Arsenic contaminant found: Not reported Cadmium contaminant found: Not reported Chromium contaminant found: Not reported Copper contaminant found: Not reported Iron contaminant found: Not reported Mercury contaminant found: Not reported Nickel contaminant found: Not reported No contaminant found: Not reported Pesticides contaminant found: Not reported Selenium contaminant found: Not reported Not reported SVOCs contaminant found: Unknown contaminant found: Not reported Not reported Future Use: Multistory Media affected Bluiding Material: Not reported Media affected indoor air: Not reported Building material media cleaned up: Not reported Indoor air media cleaned up: Not reported Unknown media cleaned up: Not reported Past Use: Multistory Not reported Not reported Property Description: Below Poverty Number: Not reported

Below Poverty Percent:

Meidan Income: Not reported Meidan Income Number: Not reported

Meidan Income Percent:

Vacant Housing Number: Not reported

Vacant Housing Percent:

Unemployed Number: Not reported

Unemployed Percent:

FINDS:

Registry ID: 110054147570

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS Map ID

Direction Distance

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

B5 GREEN DIAMOND RESOURCE COMPANY AST A100215931 N/A

ESE 200 KLAMATH MILL ROAD

1/8-1/4 KLAMATH, CA

0.216 mi.

1138 ft. Site 2 of 2 in cluster B

AST: Relative: Higher

GREEN DIAMOND RESOURCE COMPANY Name: 200 KLAMATH MILL ROAD

Address: Actual: KLAMATH, City/Zip:

77 ft. Certified Unified Program Agencies: Del Norte

Owner: GREEN DIAMOND RESOURCE CO.

Total Gallons: 37,000 CERSID: Not reported Facility ID: Not reported **Business Name:** Not reported Phone: Not reported Not reported Fax: Mailing Address: Not reported Mailing Address City: Not reported Mailing Address State: Not reported Mailing Address Zip Code: Not reported Operator Name: Not reported Operator Phone: Not reported Owner Phone: Not reported Owner Mail Address: Not reported Not reported Owner State: Owner Zip Code: Not reported Owner Country: Not reported Property Owner Name: Not reported Property Owner Phone: Not reported Property Owner Mailing Address: Not reported Property Owner City: Not reported Not reported Property Owner Stat: Property Owner Zip Code: Not reported Property Owner Country: Not reported

CPS-SLIC S105180599 SIMPSON TIMBER COMPANY 6 NNW N/A

Not reported

1/4-1/2 KLAMATH, CA 0

0.287 mi. 1518 ft.

SLIC REG 1: Relative:

Higher Region:

Facility ID: 1NDN152 Actual: 32 ft. Staff Initials: AAA

EPAID:

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

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

C7 TEXACO, KLAMATH LUST S105024310 SE **299 HIGHWAY 169 HIST UST** N/A

1/4-1/2 KLAMATH, CA 95548 **HIST CORTESE**

0.442 mi.

30 ft.

2335 ft. Site 1 of 3 in cluster C

LUST: Relative: Higher TEXACO, KLAMATH Name: 299 HIGHWAY 169 Address: Actual: KLAMATH, CA 95548

City,State,Zip: Lead Agency: NORTH COAST RWQCB (REGION 1)

Case Type: LUST Cleanup Site

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601500031

Global Id: T0601500031 41.5229049905756 Latitude: Longitude: -124.032876491547 Completed - Case Closed Status:

04/17/2007 Status Date: Case Worker: 777 1TDN039 RB Case Number:

Local Agency: **DEL NORTE COUNTY** File Location: Regional Board Local Case Number: Not reported

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating

Site History: Not reported

LUST:

Global Id: T0601500031

Contact Type: Local Agency Caseworker

Contact Name: Brian McNally

DEL NORTE COUNTY Organization Name: Address: 981 H Street, Suite 110 City: **CRESCENT CITY** Email: Not reported Phone Number: Not reported

T0601500031 Global Id:

Regional Board Caseworker Contact Type:

Contact Name: REGIONAL WATER BOARD SITE CLOSED Organization Name: NORTH COAST RWQCB (REGION 1) 5550 SKYLANE BOULEVARD, SUITE A Address:

SANTA ROSA City:

craig.hunt@waterboards.ca.gov Email:

Phone Number: 7075762220

LUST:

Global Id: T0601500031 Action Type: Other Date: 02/21/1992 Action: Leak Discovery

T0601500031 Global Id: Action Type: **RESPONSE** 06/15/2003 Date:

Action: Monitoring Report - Quarterly

Global Id: T0601500031 Action Type: **RESPONSE**

EDR ID Number

CERS

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO, KLAMATH (Continued)

S105024310

EDR ID Number

Date: 09/15/2003

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 03/10/2004

Action: Soil and Water Investigation Report

 Global Id:
 T0601500031

 Action Type:
 ENFORCEMENT

 Date:
 06/10/2003

 Action:
 Staff Letter

 Global Id:
 T0601500031

 Action Type:
 ENFORCEMENT

 Date:
 09/25/2003

 Action:
 Staff Letter

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 04/15/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 08/01/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 04/15/2004

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 ENFORCEMENT

 Date:
 08/01/2002

 Action:
 File review

 Global Id:
 T0601500031

 Action Type:
 ENFORCEMENT

 Date:
 03/21/2003

 Action:
 File review

 Global Id:
 T0601500031

 Action Type:
 Other

 Date:
 02/21/1992

 Action:
 Leak Stopped

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 07/15/2004

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 10/15/2004

Action: Monitoring Report - Quarterly

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO, KLAMATH (Continued)

S105024310

EDR ID Number

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 11/01/2005

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 02/01/2006

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 01/15/2005

Action: Monitoring Report - Quarterly

Global Id: T0601500031
Action Type: RESPONSE
Date: 12/22/2005

Action: Soil and Water Investigation Report

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 06/30/2005

Action: Soil and Water Investigation Report

 Global Id:
 T0601500031

 Action Type:
 Other

 Date:
 02/21/1992

 Action:
 Leak Reported

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 05/01/2006

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 08/01/2006

Action: Monitoring Report - Quarterly

 Global Id:
 T0601500031

 Action Type:
 ENFORCEMENT

 Date:
 08/08/2002

 Action:
 Staff Letter

 Global Id:
 T0601500031

 Action Type:
 ENFORCEMENT

 Date:
 02/21/1992

Action: Notification - Proposition 65

 Global Id:
 T0601500031

 Action Type:
 RESPONSE

 Date:
 06/04/2002

Action: Soil and Water Investigation Workplan

Global Id: T0601500031 Action Type: RESPONSE

MAP FINDINGS Map ID

Direction Distance

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

TEXACO, KLAMATH (Continued)

S105024310

Date: 12/01/2002

Soil and Water Investigation Report Action:

LUST:

Global Id: T0601500031

Status: Completed - Case Closed

04/17/2007 Status Date:

Global Id: T0601500031

Status: Open - Case Begin Date

02/21/1992 Status Date:

Global Id: T0601500031

Status: Open - Site Assessment

06/07/1992 Status Date:

Global Id: T0601500031

Status: Open - Site Assessment

Status Date: 09/12/1997

Global Id: T0601500031

Status: Open - Site Assessment

Status Date: 03/31/2000

T0601500031 Global Id:

Open - Site Assessment Status:

Status Date: 06/04/2002

Global Id: T0601500031

Status: Open - Site Assessment

Status Date: 05/01/2003

T0601500031 Global Id:

Open - Verification Monitoring Status:

06/02/2003 Status Date:

HIST UST:

KLAMATH MOBIL STATION Name:

Address: 299 HIGHWAY 969 City,State,Zip: KLAMATH, CA 95548

File Number: 00023244

URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00023244.pdf

Not reported Region: Facility ID: Not reported Facility Type: Not reported Other Type: Not reported Contact Name: Not reported Telephone: Not reported Not reported Owner Name: Owner Address: Not reported Not reported Owner City, St, Zip: Total Tanks: Not reported

Tank Num: Not reported Container Num: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO, KLAMATH (Continued)

S105024310

EDR ID Number

Year Installed:
Tank Capacity:
Not reported
Tank Used for:
Not reported
Type of Fuel:
Not reported
Container Construction Thickness:
Leak Detection:
Not reported
Not reported
Not reported

Click here for Geo Tracker PDF:

HIST CORTESE:

edr_fname: TEXACO, KALAMATH

edr_fadd1: 299 169

City, State, Zip: KALMATH, CA 95548

Region: CORTESE
Facility County Code: 8
Reg By: LTNKA
Reg Id: 1TDN039

CERS:

Name: TEXACO, KLAMATH
Address: 299 HIGHWAY 169
City,State,Zip: KLAMATH, CA 95548

Site ID: 202991 CERS ID: 263313

CERS Description: Tanks & Ground Water Clean Up

Affiliation:

Affiliation Type Desc: Local Agency Caseworker

Entity Name: Brian McNally - DEL NORTE COUNTY

Entity Title: Not reported

Affiliation Address: 981 H Street, Suite 110
Affiliation City: CRESCENT CITY

Affiliation State: CA

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker

Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)

Entity Title: Not reported

Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A

Affiliation City: SANTA ROSA

Affiliation State: CA

Affiliation Country: Not reported Affiliation Zip: Not reported Affiliation Phone: 7075762220

Name: TEXACO, KLAMATH
Address: 299 HIGHWAY 169
City,State,Zip: KLAMATH, CA 95548

Site ID: 202991 CERS ID: T0601500031

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker

MAP FINDINGS Map ID

Direction Distance

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

TEXACO, KLAMATH (Continued)

Entity Name: Brian McNally - DEL NORTE COUNTY

Entity Title: Not reported

Affiliation Address: 981 H Street, Suite 110 Affiliation City: CRESCENT CITY

Affiliation State: CA

Affiliation Country: Not reported Not reported Affiliation Zip: Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker

REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1) **Entity Name:**

Entity Title: Not reported

Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A

Affiliation City: SANTA ROSA

Affiliation State: CA

Affiliation Country: Not reported Affiliation Zip: Not reported 7075762220 Affiliation Phone:

C8 **GAS FOR LESS** US BROWNFIELDS 1016440053 SE 299 STATE HIGHWAY 169 **FINDS** N/A

1/4-1/2 0.445 mi.

2347 ft. Site 2 of 3 in cluster C

KLAMATH, CA 95548

Relative: **US BROWNFIELDS:**

GAS FOR LESS Higher Property Name: Recipient Name: Yurok Tribe Actual:

Grant Type: Section 128(a) State/Tribal 31 ft.

Property Number: 140-140-12 Parcel size: .56

41.522793 Latitude:

-124.03291999999999 Longitude:

HCM Label: Address Matching-House Number

Map Scale: Not reported

Point of Reference: Entrance Point of a Facility or Station

Highlights: Not reported

North American Datum of 1983 Datum:

Acres Property ID: 157403 IC Data Access: Not reported Start Date: Not reported Redev Completition Date: Not reported Completed Date: Not reported Acres Cleaned Up: Not reported Cleanup Funding: Not reported Cleanup Funding Source: Not reported Assessment Funding: 1500

Assessment Funding Source: US EPA - State & Tribal Section 128(a) Funding

Redevelopment Funding: Not reported Redev. Funding Source: Not reported Redev. Funding Entity Name: Not reported Redevelopment Start Date: Not reported Assessment Funding Entity: **EPA** Cleanup Funding Entity: Not reported

Grant Type: Hazardous & Petroleum

Accomplishment Type: Phase I Environmental Assessment

Accomplishment Count: n S105024310

Distance Elevation S

Site Database(s) EPA ID Number

GAS FOR LESS (Continued)

EDR ID Number

1016440053

Cooperative Agreement Number: 00T12901

Start Date: 05/19/2013 00:00:00

Ownership Entity: Not reported

Completion Date: Not reported

Current Owner: Harold Del Ponte Trust

Did Owner Change:

Cleanup Required:

Video Available:

Photo Available:

Y
Institutional Controls Required:

N

IC Category Proprietary Controls:
IC Cat. Info. Devices:
IC Cat. Gov. Controls:
IC Cat. Enforcement Permit Tools:
IC in place date:
IC in place:
State/tribal program date:

Not reported

State/tribal program ID: Not reported State/tribal NFA date: Not reported Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Not reported Asbestos cleaned: Controled substance found: Not reported Controled substance cleaned: Not reported Drinking water affected: Not reported Drinking water cleaned: Not reported

Groundwater affected: Y

Groundwater cleaned: Not reported Not reported Lead contaminant found: Lead cleaned up: Not reported No media affected: Not reported Unknown media affected: Not reported Other cleaned up: Not reported Not reported Other metals found: Not reported Other metals cleaned: Not reported Other contaminants found: Other contams found description: Not reported PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported Not reported PCBs cleaned up: Petro products found: Not reported Petro products cleaned: Not reported Sediments found: Not reported Sediments cleaned: Not reported

Soil affected: Y

Soil cleaned up: Not reported Surface water cleaned: Not reported Not reported VOCs found: VOCs cleaned: Not reported Cleanup other description: Not reported Not reported Num. of cleanup and re-dev. jobs: Past use greenspace acreage: Not reported Past use residential acreage: Not reported

Surface Water: Y
Past use commercial acreage: .25

Distance Elevation Site

Site Database(s) EPA ID Number

GAS FOR LESS (Continued) 1016440053

Past use industrial acreage: Not reported Future use greenspace acreage: Not reported Future use residential acreage: Not reported Future use commercial acreage: Not reported Future use industrial acreage: Not reported Greenspace acreage and type: Not reported Superfund Fed. landowner flag: Not reported Arsenic cleaned up: Not reported Cadmium cleaned up: Not reported Chromium cleaned up: Not reported Not reported Copper cleaned up: Iron cleaned up: Not reported mercury cleaned up: Not reported Nickel Cleaned Up: Not reported No clean up: Not reported Pesticides cleaned up: Not reported Not reported Selenium cleaned up: SVOCs cleaned up: Not reported Unknown clean up: Not reported Arsenic contaminant found: Not reported Not reported Cadmium contaminant found: Chromium contaminant found: Not reported Copper contaminant found: Not reported Iron contaminant found: Not reported Mercury contaminant found: Not reported Nickel contaminant found: Not reported No contaminant found: Not reported Pesticides contaminant found: Not reported Selenium contaminant found: Not reported SVOCs contaminant found: Not reported Unknown contaminant found: Not reported Future Use: Multistory Not reported

Media affected Bluiding Material: Y

Media affected indoor air:

Building material media cleaned up:
Indoor air media cleaned up:
Unknown media cleaned up:
Past Use: Multistory

Not reported
Not reported
Not reported
Not reported

Property Description: Former Gas Station, service station and mini-mart. Harold Del Ponte is

current and historically past owner. Four former petroleum tanks removed and spills discovered. Groundwater monitoring. Soil removal

and remediation.

Below Poverty Number: 22.2% Below Poverty Percent: Meidan Income: 107 Meidan Income Number: 12 Meidan Income Percent: 44.4% Vacant Housing Number: Vacant Housing Percent: 20.3% Unemployed Number: 2 **Unemployed Percent:** 7.4%

FINDS:

Registry ID: 110055950840

Environmental Interest/Information System

EDR ID Number

Map ID MAP FINDINGS Direction

Distance

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

GAS FOR LESS (Continued)

1016440053

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C9 LUST S101315958 TEXACO, KLAMATH SE **HIGHWAY 169 299** N/A

1/4-1/2 KLAMATH, CA

0.446 mi.

2354 ft. Site 3 of 3 in cluster C

Relative: LUST REG 1:

Higher Region:

Facility ID: 1TDN039 Actual: Staff Initials: 31 ft. LMB

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Addres	ss	Zip	Database(s)
KLAMA	TH \$10518	1008 SIMPSON TIMBER COMPAN	Y KLAMATH SWD HIGHWAY	101	0	CPS-SLIC
KLAMA	TH \$10485	7253 RIVERSIDE RV PARK	HIGHWAY	101 17505		LUST

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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019

Date Made Active in Reports: 05/14/2019

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 07/02/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 07/02/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Number of Days to Update: 56

Source: EPA

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

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

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: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 07/02/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 07/03/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Lindate: 35

Number of Days to Update: 35

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 07/02/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 07/02/2019

Next Scheduled EDR Contact: 10/28/2019 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: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 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: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 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: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

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

Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 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: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 02/22/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 41

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/10/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

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: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/29/2019

Next Scheduled EDR Contact: 09/09/2019 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: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/29/2019

Next Scheduled EDR Contact: 09/09/2019

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: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

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: 04/29/2019 Date Data Arrived at EDR: 04/30/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019 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: 04/29/2019 Date Data Arrived at EDR: 04/30/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 05/13/2019 Date Data Arrived at EDR: 05/14/2019 Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

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

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

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

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer

to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

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

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

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

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas,

Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

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

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control

Board's LUST database.

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

Number of Days to Update: 35

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

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

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

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

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

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004

Date Data Arrived at EDR: 10/20/2004 Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

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

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

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Number of Days to Update: 28

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

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

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

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

Date of Government Version: 10/17/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

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

Date of Government Version: 10/10/2018 Date Data Arrived at EDR: 03/08/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 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: 10/16/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

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

Date of Government Version: 09/24/2018 Date Data Arrived at EDR: 03/12/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 50

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board Telephone: 866-480-1028

Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

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

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 30

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

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: No Update Planned

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

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

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 47

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

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 16

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

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

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

SLIC REG 6L: SLIC Sites

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

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

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

SLIC REG 7: SLIC List

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 36

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 11

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 17

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

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

Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 07/10/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/11/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-327-7844 Last EDR Contact: 06/12/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016 Date Data Arrived at EDR: 07/12/2016 Date Made Active in Reports: 09/19/2016

Number of Days to Update: 69

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019 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: 11/01/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

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: 10/17/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2018 Date Data Arrived at EDR: 03/08/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 54

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/24/2018 Date Data Arrived at EDR: 03/12/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 50

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

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: 10/12/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 04/29/2019 Date Data Arrived at EDR: 04/30/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019 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: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 06/20/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Varies

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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 04/29/2019

Number of Days to Update: 34

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 06/25/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018 Date Data Arrived at EDR: 12/18/2018 Date Made Active in Reports: 01/11/2019

Number of Days to Update: 24

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/04/2019

Next Scheduled EDR Contact: 09/30/2019 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 04/25/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 48

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/12/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

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

Date of Government Version: 03/26/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 34

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 05/09/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Varies

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: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 04/23/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019 Date Data Arrived at EDR: 02/26/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 50

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

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: 04/29/2019 Date Data Arrived at EDR: 04/30/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Quarterly

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: 12/31/2017 Date Data Arrived at EDR: 06/12/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 55

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 05/08/2019

Number of Days to Update: 27

Source: CalEPA Telephone: 916-323-2514 Last EDR Contact: 04/11/2019

Next Scheduled EDR Contact: 08/05/2019 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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/24/2019 Date Data Arrived at EDR: 02/26/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 50

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/21/2019 Date Data Arrived at EDR: 02/22/2019 Date Made Active in Reports: 04/15/2019

Number of Days to Update: 52

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/28/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018 Date Data Arrived at EDR: 12/06/2018 Date Made Active in Reports: 12/14/2018

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018 Date Data Arrived at EDR: 09/12/2018 Date Made Active in Reports: 10/11/2018

Number of Days to Update: 29

Source: San Francisco County Department of Public Health

Telephone: 415-252-3896 Last EDR Contact: 05/02/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Varies

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 05/08/2019

Number of Days to Update: 27

Source: California Environmental Protection Agency

Telephone: 916-323-2514 Last EDR Contact: 04/11/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 03/01/2019 Date Made Active in Reports: 04/02/2019

Number of Days to Update: 32

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019

Data Release Frequency: Varies

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: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 07/02/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 27

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 06/04/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 49

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

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: 10/24/2018 Date Data Arrived at EDR: 01/24/2019 Date Made Active in Reports: 03/05/2019

Number of Days to Update: 40

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 06/24/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

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: 03/07/2019 Date Data Arrived at EDR: 04/03/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 50

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Semi-Annually

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: 07/10/2019

Next Scheduled EDR Contact: 10/21/2019

Data Release Frequency: N/A

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: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/13/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/07/2019

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/06/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/10/2019

Next Scheduled EDR Contact: 08/19/2019

Data Release Frequency: Varies

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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/18/2019

Next Scheduled EDR Contact: 09/30/2019 Data Release Frequency: Every 4 Years

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: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

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

Number of Days to Update: 77

Source: EPA Telephone: 202-564-4203

Last EDR Contact: 04/24/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 07/01/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019 Date Data Arrived at EDR: 05/02/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 21

Source: Environmental Protection Agency Telephone: 202-564-8600

Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 07/01/2019

Next Scheduled EDR Contact: 08/19/2019 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.

Source: EPA

Date of Government Version: 03/20/2019 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 34

Telephone: 202-566-0500 Last EDR Contact: 07/12/2019

Next Scheduled EDR Contact: 10/21/2019 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: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 07/03/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

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: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

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: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

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: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 07/22/2019 Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Quarterly

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

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

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 06/07/2019

Next Scheduled EDR Contact: 09/16/2019 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: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/07/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019

Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 04/02/2019 Date Data Arrived at EDR: 04/02/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/01/2019

Next Scheduled EDR Contact: 10/14/2019 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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 12/03/2018 Date Data Arrived at EDR: 01/29/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Quarterly

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: 03/31/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019

Data Release Frequency: Varies

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: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Biennially

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: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/10/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/02/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Varies

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: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 07/01/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites

may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health Telephone: 703-305-6451

Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018 Date Data Arrived at EDR: 02/27/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 05/29/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/31/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/31/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019 Date Data Arrived at EDR: 03/28/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 34

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/19/2019

Next Scheduled EDR Contact: 09/23/2019 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: 02/15/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 03/15/2019

Number of Days to Update: 10

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/05/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 74

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 07/15/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 71

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 02/21/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 39

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Quarterly

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste

Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 06/25/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019 Date Data Arrived at EDR: 04/19/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 11

Source: San Francisco County Department of Environmental Health

Telephone: 415-252-3896 Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 05/14/2019 Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department

Telephone: 925-454-2361 Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

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: 03/01/2019 Date Data Arrived at EDR: 04/25/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 35

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019 Date Data Arrived at EDR: 02/28/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District

Telephone: 661-723-8070 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019 Date Data Arrived at EDR: 03/22/2019 Date Made Active in Reports: 04/09/2019

Number of Days to Update: 18

Source: South Coast Air Quality Management District

Telephone: 909-396-3211 Last EDR Contact: 05/23/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 47

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 06/24/2019

Next Scheduled EDR Contact: 09/30/2019

Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018 Date Data Arrived at EDR: 11/02/2018 Date Made Active in Reports: 12/13/2018

Number of Days to Update: 41

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 07/18/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/22/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/26/2019

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

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: 05/15/2019 Date Data Arrived at EDR: 05/16/2019 Date Made Active in Reports: 07/18/2019 Number of Days to Update: 63 Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 05/09/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 05/29/2019 Date Made Active in Reports: 07/22/2019

Number of Days to Update: 54

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 07/12/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/20/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 58

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

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

Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/20/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 04/08/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/12/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 34

Source: Department of Conservation Telephone: 916-322-1080

Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 02/20/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 04/02/2019

Number of Days to Update: 28

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 06/04/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019 Date Data Arrived at EDR: 05/14/2019 Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 04/05/2019

Number of Days to Update: 31

Source: Department of Pesticide Regulation

Telephone: 916-445-4038 Last EDR Contact: 06/04/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 03/11/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/29/2019

Number of Days to Update: 47

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/12/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 03/18/2019 Date Data Arrived at EDR: 03/19/2019 Date Made Active in Reports: 04/29/2019

Number of Days to Update: 41

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019 Data Release Frequency: No Update Planned

UIC: UIC Listing

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

Date of Government Version: 04/27/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 34

Source: Deaprtment of Conservation Telephone: 916-445-2408 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resource Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018 Date Data Arrived at EDR: 07/11/2018 Date Made Active in Reports: 09/13/2018

Number of Days to Update: 64

Telephone: 559-445-5577 Last EDR Contact: 07/12/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Varies

Source: RWQCB, Central Valley Region

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: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: No Update Planned

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: 06/19/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/29/2019

Number of Days to Update: 47

Source: State Water Resources Control Board

Telephone: 916-341-5810 Last EDR Contact: 06/12/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders,

track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 04/02/2019

Number of Days to Update: 28

Source: State Water Resources Control Board

Telephone: 866-794-4977 Last EDR Contact: 06/04/2019

Next Scheduled EDR Contact: 09/16/2019

Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface

waters, and toxic materials

Date of Government Version: 04/09/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 05/08/2019

Number of Days to Update: 27

Source: California Environmental Protection Agency

Telephone: 916-323-2514 Last EDR Contact: 04/11/2019

Next Scheduled EDR Contact: 08/05/2019

Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019

Data Release Frequency: Varies

SAMPLING POINT: Sampling Point? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018 Date Data Arrived at EDR: 12/11/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/11/2019

Next Scheduled EDR Contact: 09/23/2019

Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

Date of Government Version: 01/09/2019 Date Data Arrived at EDR: 01/11/2019 Date Made Active in Reports: 03/05/2019

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 07/08/2019

Number of Days to Update: 53

Next Scheduled EDR Contact: 10/21/2019

Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 06/20/2019 Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 07/19/2019

Number of Days to Update: 70

Next Scheduled EDR Contact: 04/24/2047 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 01/07/2019 Date Data Arrived at EDR: 01/08/2019 Date Made Active in Reports: 03/07/2019

Number of Days to Update: 58

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/16/2019

Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017 Date Data Arrived at EDR: 04/25/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 106

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 05/02/2019 Date Made Active in Reports: 05/29/2019

Number of Days to Update: 27

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 06/24/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List

Cupa facility list.

Date of Government Version: 05/17/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 58

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

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

Date of Government Version: 05/22/2019 Date Data Arrived at EDR: 05/23/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 56

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 04/29/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List

Cupa Facility list

Date of Government Version: 02/20/2019 Date Data Arrived at EDR: 05/01/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 29

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 04/25/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List

CUPA facility list.

Date of Government Version: 02/27/2019 Date Data Arrived at EDR: 02/28/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 32

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 04/29/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

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

Date of Government Version: 04/10/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 19

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 03/14/2018

Number of Days to Update: 49

Source: Glenn County Air Pollution Control District

Telephone: 830-934-6500 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List

CUPA facility list.

Date of Government Version: 12/11/2018 Date Data Arrived at EDR: 12/13/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 33

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/20/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List

Cupa facility list.

Date of Government Version: 04/24/2019 Date Data Arrived at EDR: 04/25/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 63

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List

Cupa facility list.

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/03/2018 Date Made Active in Reports: 06/14/2018

Number of Days to Update: 72

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019

Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019 Date Data Arrived at EDR: 05/07/2019 Date Made Active in Reports: 07/16/2019

Number of Days to Update: 70

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 05/02/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019 Date Data Arrived at EDR: 05/17/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 13

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 02/08/2019 Date Data Arrived at EDR: 02/12/2019 Date Made Active in Reports: 03/12/2019

Number of Days to Update: 28

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 07/15/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/17/2019 Date Data Arrived at EDR: 01/18/2019 Date Made Active in Reports: 03/05/2019

Number of Days to Update: 46

Source: Lassen County Environmental Health

Telephone: 530-251-8528 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former

Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A Telephone: N/A

Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019 Date Data Arrived at EDR: 05/16/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 63

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019 Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

> Date of Government Version: 04/15/2019 Date Data Arrived at EDR: 04/16/2019 Date Made Active in Reports: 06/21/2019

Number of Days to Update: 66

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 07/17/2019

Next Scheduled EDR Contact: 10/28/2019

Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 01/15/2019 Date Made Active in Reports: 03/07/2019

Number of Days to Update: 51

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 07/12/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/29/2019

Number of Days to Update: 54

Source: Los Angeles Fire Department

Telephone: 213-978-3800 Last EDR Contact: 06/25/2019

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012 Date Data Arrived at EDR: 04/17/2019 Date Made Active in Reports: 05/29/2019

Number of Days to Update: 42

Source: Los Angeles County Department of Public Works

Telephone: 626-458-6973 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/29/2019

Number of Days to Update: 54

Source: Los Angeles Fire Department

Telephone: 213-978-3800 Last EDR Contact: 06/25/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/29/2019

Number of Days to Update: 54

Source: Los Angeles Fire Department

Telephone: 213-978-3800 Last EDR Contact: 06/25/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 04/08/2019 Date Data Arrived at EDR: 04/16/2019 Date Made Active in Reports: 06/21/2019

Number of Days to Update: 66

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 07/17/2019

Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 04/19/2017 Date Made Active in Reports: 05/10/2017

Number of Days to Update: 21

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 07/12/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 65

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

Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

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

Date of Government Version: 04/04/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 65

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019 Date Data Arrived at EDR: 02/22/2019 Date Made Active in Reports: 03/07/2019

Number of Days to Update: 13

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites Currently permitted USTs in Marin County.

> Date of Government Version: 09/26/2018 Date Data Arrived at EDR: 10/04/2018 Date Made Active in Reports: 11/02/2018

Number of Days to Update: 29

Source: Public Works Department Waste Management

Telephone: 415-473-6647 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 05/29/2019 Date Data Arrived at EDR: 05/30/2019 Date Made Active in Reports: 07/22/2019

Number of Days to Update: 53

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

> Date of Government Version: 05/23/2019 Date Data Arrived at EDR: 05/30/2019 Date Made Active in Reports: 07/22/2019

Number of Days to Update: 53

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 05/23/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019 Date Data Arrived at EDR: 02/07/2019 Date Made Active in Reports: 03/05/2019

Number of Days to Update: 26

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 06/28/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

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

Date of Government Version: 01/09/2017 Date Data Arrived at EDR: 01/11/2017 Date Made Active in Reports: 03/02/2017

Number of Days to Update: 50

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: No Update Planned

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

Underground storage tank sites located in Napa coun

Date of Government Version: 02/21/2019 Date Data Arrived at EDR: 02/22/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 14

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 9

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 05/13/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 05/09/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 21

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/06/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Annually

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

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 05/09/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 21

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/06/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

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

Date of Government Version: 04/02/2019 Date Data Arrived at EDR: 05/07/2019 Date Made Active in Reports: 07/16/2019

Number of Days to Update: 70

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/07/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 03/01/2019 Date Made Active in Reports: 04/12/2019

Number of Days to Update: 42

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 06/17/2019 Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/26/2019

Number of Days to Update: 64

Source: Plumas County Environmental Health

Telephone: 530-283-6355 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/12/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 18

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019 Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/12/2019 Date Made Active in Reports: 06/20/2019

Number of Days to Update: 69

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

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

Date of Government Version: 02/05/2019 Date Data Arrived at EDR: 04/02/2019 Date Made Active in Reports: 06/18/2019

Number of Days to Update: 77

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 06/28/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 02/06/2019 Date Data Arrived at EDR: 04/02/2019 Date Made Active in Reports: 06/20/2019

Number of Days to Update: 79

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 06/28/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 48

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 07/16/2019

Next Scheduled EDR Contact: 08/19/2019

Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 05/31/2019 Date Data Arrived at EDR: 05/31/2019 Date Made Active in Reports: 07/22/2019

Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 05/06/2019

Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 03/04/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 04/02/2019

Number of Days to Update: 28

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 06/04/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 06/19/2018

Number of Days to Update: 56

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/24/2019 Date Data Arrived at EDR: 04/25/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 63

Source: Department of Environmental Health

Telephone: 858-505-6874 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

SAN DIEGO CO SAM: 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: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: 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: 05/02/2019

Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018 Date Data Arrived at EDR: 11/06/2018 Date Made Active in Reports: 12/14/2018

Number of Days to Update: 38

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 05/02/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

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

Date of Government Version: 06/22/2018 Date Data Arrived at EDR: 06/26/2018 Date Made Active in Reports: 07/11/2018

Number of Days to Update: 15

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 06/17/2019

Next Scheduled EDR Contact: 09/30/2019 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/20/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

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

Date of Government Version: 03/04/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/29/2019

Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/12/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 03/29/2019 Date Data Arrived at EDR: 03/29/2019 Date Made Active in Reports: 05/29/2019

Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/10/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2019 Date Data Arrived at EDR: 05/23/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 56

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county.

Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

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

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

LUST SANTA CLARA: LOP Listing

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

Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019 Date Data Arrived at EDR: 05/23/2019 Date Made Active in Reports: 07/22/2019

Number of Days to Update: 60

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 05/23/2017

Number of Days to Update: 90

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017 Date Data Arrived at EDR: 06/19/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 51

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 03/05/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 04/29/2019

Number of Days to Update: 53

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 27

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 03/18/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 06/19/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 04/30/2019

Number of Days to Update: 19

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 06/19/2019

Next Scheduled EDR Contact: 10/07/2019 Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 12/11/2018 Date Data Arrived at EDR: 12/13/2018 Date Made Active in Reports: 01/15/2019

Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection

Telephone: 209-525-6751 Last EDR Contact: 07/15/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 03/01/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 33

Source: Sutter County Environmental Health Services

Telephone: 530-822-7500 Last EDR Contact: 06/03/2019

Next Scheduled EDR Contact: 09/16/2019 Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 05/20/2019 Date Data Arrived at EDR: 05/21/2019 Date Made Active in Reports: 07/18/2019

Number of Days to Update: 58

Source: Tehama County Department of Environmental Health

Telephone: 530-527-8020 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 04/24/2019 Date Data Arrived at EDR: 04/25/2019 Date Made Active in Reports: 06/28/2019

Number of Days to Update: 64

Source: Department of Toxic Substances Control

Telephone: 760-352-0381 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 05/09/2019 Date Data Arrived at EDR: 05/10/2019 Date Made Active in Reports: 07/17/2019

Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division

Telephone: 559-624-7400 Last EDR Contact: 05/06/2019

Next Scheduled EDR Contact: 08/19/2019

Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/25/2018 Date Made Active in Reports: 06/25/2018

Number of Days to Update: 61

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 07/19/2019

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 03/26/2019 Date Data Arrived at EDR: 04/25/2019 Date Made Active in Reports: 06/27/2019

Number of Days to Update: 63

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

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

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

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: 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: 05/09/2019

Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

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

Date of Government Version: 03/26/2019 Date Data Arrived at EDR: 04/25/2019 Date Made Active in Reports: 05/30/2019

Number of Days to Update: 35

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 07/22/2019

Next Scheduled EDR Contact: 11/04/2019 Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

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

Date of Government Version: 02/26/2019 Date Data Arrived at EDR: 03/13/2019 Date Made Active in Reports: 04/03/2019

Number of Days to Update: 21

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/12/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 03/29/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 06/20/2019

Number of Days to Update: 76

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/14/2019 Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019 Date Data Arrived at EDR: 05/07/2019 Date Made Active in Reports: 07/16/2019

Number of Days to Update: 70

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 04/25/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 02/11/2019 Date Data Arrived at EDR: 02/12/2019 Date Made Active in Reports: 03/04/2019

Number of Days to Update: 20

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 05/01/2019 Date Made Active in Reports: 06/21/2019

Number of Days to Update: 51

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/01/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 10/23/2018 Date Made Active in Reports: 11/27/2018

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 07/15/2019

Next Scheduled EDR Contact: 10/28/2019 Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/17/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/10/2019

Next Scheduled EDR Contact: 09/23/2019 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

KLAMATH 101 WELLS KLAMATH APN 140-060-020 KLAMATH, CA 95548

TARGET PROPERTY COORDINATES

Latitude (North): 41.527459 - 41° 31' 38.85" Longitude (West): 124.039336 - 124° 2' 21.61"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 413287.8 UTM Y (Meters): 4597621.5

Elevation: 29 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5602258 REQUA, CA

Version Date: 2012

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).

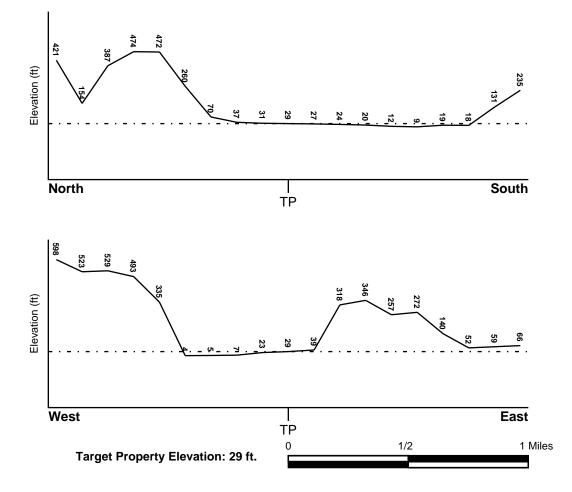
TOPOGRAPHIC INFORMATION

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 West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

06015C0475E FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

REQUA YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Soil Surface Texture:

GEOLOGIC AGE IDENTIFICATION

Era: Mesozoic Category: Eugeosynclinal Deposits

System: Cretaceous
Series: Upper Mesozoic

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

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: BIGRIVER

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

moderately well and well drained soils with moderately coarse

textures.

sandy loam

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

water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silt loam

very gravelly - sand

loamy sand

Surficial Soil Types: silt loam

very gravelly - sand

loamy sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

 MAP ID
 WELL ID
 FROM TP

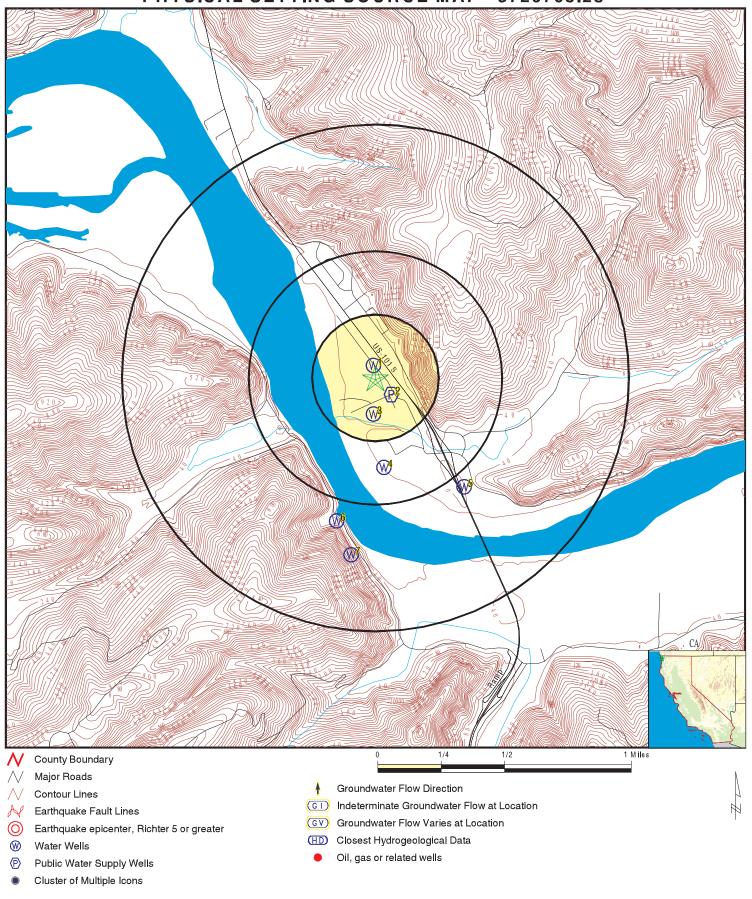
 2
 090605014
 0 - 1/8 Mile SE

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	11198	0 - 1/8 Mile North
3	11201	1/8 - 1/4 Mile South
4	11204	1/4 - 1/2 Mile South
5	11203	1/2 - 1 Mile SE
6	11206	1/2 - 1 Mile SSW
7	11205	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 5726703.2s



SITE NAME: Klamath 101 Wells
ADDRESS: Klamath APN 140-060-020
Klamath CA 95548
LAT/LONG: 41.527459 / 124.039336

CLIENT: Yurok Tribe
CONTACT: Christine Cosby
INQUIRY#: 5726703.2s
DATE: July 23, 2019 8:51 pm

Map ID Direction Distance

Elevation Database EDR ID Number

CA WELLS North 11198

0 - 1/8 Mile Higher

> Seq: 11198 Prim sta c: 13N/01E-04J01 H

Frds no: 0800622001 80 County: District: User id: **ATT** 01 0800622 System no: Water type:

Source nam: WELL 01 Station ty: WELL/AMBNT/MUN/INTAKE

Latitude: 413142.0 Longitude: 1240218.0 Precision: 3 Status: AR 17465 HWY 101. LAST RV PARK ON LEFT 1 MI PAST KLAMATH RIVER BRIDGE. Comment 1: WELL BEHIND BIG YELLOW HOUSE ON MCMILLAN RD, .25 MI PAST RV PARK ON Comment 2: Comment 3: RIGHT SIDE OF 101. Comment 4: Not Reported Not Reported Not Reported Comment 5: Comment 6:

Not Reported Comment 7:

System no: 0800622 System nam: Chinook Water System

Hqname: Not Reported Address: P.O. BOX F

KLAMATH City: State: CA

95548 Zip: Zip ext: Not Reported Pop serv: 200 Connection:

Area serve: Not Reported

Sample date: 19-SEP-17 0.47 Finding: Chemical: NITRATE (AS N) Report units: MG/L

DIr: 0.4

Sample date: 24-JUL-13 Finding: 3.3 Chemical: NITRATE (AS NO3) Report units: MG/L

DIr: 2.

Sample date: 24-JUL-13 Finding: 740. Chemical: NITRATE + NITRITE (AS N) Report units: MG/L

DIr: 0.4

FRDS PWS 090605014 SE 0 - 1/8 Mile

Higher

Epa region: 09 State: 09

Pwsid: 090605014 Pwsname: Yurok - Requa

Cityserved: Not Reported Stateserved: 09

Not Reported Zipserved: Fipscounty: Not Reported

Status: Active Retpopsrvd: 90

Psource longname: Groundwater Pwssvcconn: 23 Native_Am Pwstype: CWS Owner: Peggy O'Neill Yurok Tribe Contact: Contactorgname: Contactphone: 7074821350 Contactaddress1: P.O. Box 1027 Contactaddress2: 190 Klamath Blvd. Contactcity: Klamath

Contactstate: CA Pwsactivitycode: Α

Pwsid: 090605014 Facid: 0605014TP001

Facname: Community Well Treatment Plant

Factype: Treatment_plant Facactivitycode:

disinfection Trtobjective: Trtprocess: hypochlorination, post

Contactzip:

95548

72

ΤP Factypecode:

PWS ID: 090605014 PWS name: **REQUA COMMUNITY POB 161** Address: Care of: Not Reported

KLAMATH State:

City: CA

REQUA COMMUNITY 95548 Owner: Zip:

Source code: Ground water Population:

PWS ID: 090605014 PWS type: Mailing

REQUA COMMUNITY PWS address: PWS name: Not Reported

PWS state: PWS city: **KLAMATH** CA

PWS zip: 95548 PWS name: Yurok - Requa PWS type code: Retail population served: 46

Peggy O'Neill Contact: Contact address: P.O. Box 1027 190 Klamath Blvd. Klamath Contact address: Contact city:

Contact state: CA Contact zip: 95548 7074821350 Contact telephone:

DEL NORTE County: Source: Ground water

HYPOCHLORINATION, POST Treatment Objective: DISINFECTION Process:

Population:

PWS ID: 090605014 Activity status: Active Date system activated: 8105 Date system deactivated: Not Reported

MR. JOE PITT, CHAIRPERSON Retail population: 00000050 System name:

System address: Not Reported System address: **PO BOX 666**

System city: KLAMATH System state:

System zip: Not Reported

SACRAMENTO IHS County FIPS: Not Reported City served:

County FIPS: 015 City served: SACRAMENTO IHS

Under 101 Persons Population served: Treatment: Not Reported

1240213 Latitude: 413136 Longitude:

060501403100512001 Violation id: Orig code: 2001 State: Violation Year:

Contamination code: 1005 Contamination Name: Arsenic

Violation code: 03 Violation name: Monitoring, Regular Rule code: 332 Rule name: Arsenic

Violation measur: Unit of measure: Not Reported Not Reported 01/01/2001 State mcl: Not Reported Cmp bdt:

Cmp edt: 12/31/2001

060501403101012001 Violation id: Orig code: R 09 Violation Year: 2001 State: Contamination code: 1010 Contamination Name: Barium

Violation code: 03 Violation name: Monitoring, Regular

Other IOC Rule code: 333 Rule name: Not Reported Not Reported Violation measur: Unit of measure: 01/01/2001 State mcl: Not Reported Cmp bdt:

12/31/2001 Cmp edt:

060501403101512001 R Violation id: Orig code: Violation Year: 2001 State: 09 Contamination code: 1015 Contamination Name: Cadmium

Violation code: 03 Violation name: Monitoring, Regular

Other IOC Rule code: 333 Rule name: Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 01/01/2001

Cmp edt: 12/31/2001

 Violation id:
 060501403102012001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

 Contamination code:
 1020
 Contamination Name:
 Chronic

Contamination code: 1020 Contamination Name: Chromium
Violation code: 03 Violation name: Monitoring, Regular

Rule code:333Rule name:Other IOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id:060501403102412001Orig code:RState:09Violation Year:2001Contamination code:1024Contamination Name:CYANIDE

 Violation code:
 03
 Violation name:
 Monitoring, Regular

 Rule code:
 333
 Rule name:
 Other IOC

 Violation recovery
 Not Proported

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403102512001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

State: 09 Violation Year: 2001

Contamination code: 1025 Contamination Name: Fluoride

Violation code: 03 Violation name: Monitoring, Regular

Rule code:333Rule name:Other IOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Cmp edt: 12/31/2001

 Violation id:
 060501403103512001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 1035 Contamination Name: Mercury
Violation code: 03 Violation name: Monitorin

Violation code:03Violation name:Monitoring, RegularRule code:333Rule name:Other IOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

 Violation id:
 060501403104012000
 Orig code:
 R

 State:
 09
 Violation Year:
 2000

12/31/2001

Contamination code: 1040 Contamination Name: Nitrate
Violation code: 03 Violation name: Monitoring, Regular

Rule code: 331 Rule name: Nitrates

Violation measur: Not Reported Unit of measure: Not Reported

State mcl: Not Reported Cmp bdt: 01/01/2000

Cmp edt: 12/31/2000

Cmp edt:

 Violation id:
 060501403104012001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 1040 Contamination Name: Nitrate
Violation code: 03 Violation name: Monitoring, Regular
Rule code: 331 Rule name: Nitrates

Rule code:331Rule name:NitratesViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Cmp edt: 12/31/2001

Violation id:060501403104012004Orig code:RState:09Violation Year:2004Contamination code:1040Contamination Name:Nitrate

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 331 Rule name: Nitrates
Violation measur: Not Reported Unit of measure: Not Reported

01/01/2004 State mcl: Not Reported Cmp bdt: Cmp edt: 12/31/2004

060501403104012009 R Violation id: Orig code: 2009

Violation Year: State: 09 Contamination code: 1040 Contamination Name: Nitrate Violation code: 03 Violation name: Monitoring, Regular

Rule code: 331 Rule name: **Nitrates** Not Reported Not Reported Unit of measure: Violation measur: 01/01/2009 Cmp bdt:

Not Reported State mcl: 12/31/2009 Cmp edt:

Violation id: 060501403104012013 Orig code: R Violation Year: State: 09 2013

Contamination code: 1040 Contamination Name: Nitrate Monitoring, Regular Violation code: 03 Violation name:

Rule code: 331 Rule name: **Nitrates** Not Reported Unit of measure: Not Reported Violation measur: 01/01/2013 Cmp bdt:

Not Reported State mcl: 12/31/2013 Cmp edt:

060501403104512001 Violation id: Orig code: R Violation Year: 2001 State: 09

Contamination Name: 1045 Selenium Contamination code:

Violation code: 03 Violation name: Monitoring, Regular Rule code: 333 Rule name: Other IOC

Not Reported Violation measur: Not Reported Unit of measure: Not Reported 01/01/2001 State mcl: Cmp bdt: Cmp edt: 12/31/2001

Violation id: 060501403105212011 Orig code: R State: 09 Violation Year: 2011

1052 Contamination code: Contamination Name: Sodium 03 Violation name: Violation code:

Monitoring, Regular Rule code: 500 Rule name: Not Regulated Violation measur: Not Reported Unit of measure: Not Reported Not Reported 01/01/2011 State mcl: Cmp bdt: 12/31/2013 Cmp edt:

Violation id: 060501403107412001 Orig code:

State: 09 Violation Year: 2001 1074 Antimony, Total Contamination code: Contamination Name:

Violation name: Monitoring, Regular Violation code: 03 Other IOC Rule code: 333 Rule name: Violation measur: Not Reported Unit of measure: Not Reported

State mcl: Not Reported Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

060501403107512001 Violation id: Orig code: State: 09 Violation Year: 2001

Contamination code: 1075 Contamination Name: Beryllium, Total Monitoring, Regular Violation code: 03 Violation name: Other IOC Rule code: 333 Rule name:

Not Reported Unit of measure: Not Reported Violation measur: State mcl: Not Reported Cmp bdt: 01/01/2001 12/31/2001 Cmp edt:

060501403108512001 Violation id: Orig code: R

State: Violation Year: 2001 1085 Thallium, Total Contamination code: Contamination Name:

03 Violation name: Monitoring, Regular Violation code: Rule name: Rule code: 333 Other IOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403200512001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

 Contamination code:
 2005
 Contamination Name:
 Endring

Contamination code: 2005 Contamination Name: Endrin
Violation code: 03 Violation name: Monitoring, Regular

Rule code:320Rule name:SOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403201012001
 Orig code:
 R

State:09Violation Year:2001Contamination code:2010Contamination Name:BHC

Contamination code:2010Contamination Name:BHC-GAMMAViolation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur:

Not Reported

State mcl:

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 Violation id:
 060501403201512001
 Orig code:
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 State:
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 Violation Voor:
 2004

State:09Violation Year:2001Contamination code:2015Contamination Name:MethoxychlorViolation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 01/01/2001
Cmp edt: 12/31/2001

 Violation id:
 060501403202012001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2020 Contamination Name: Toxaphene
Violation code: 03 Violation name: Monitoring, Regular
Rule code: 320 Rule name: SOC

Violation measur:

Not Reported

State mcl:

Not Reported

Cmp bdt:

12/31/2001

Cmp edt:

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Code

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 Violation id:
 060501403203112001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2031 Contamination Name: Dalapon

Violation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur: Not Reported Unit of measure: Not Reported State mcl: Cmp bdt: 01/01/2001

 State mcl:
 Not Reported
 Cmp bdt:
 01/01/2001

 Cmp edt:
 12/31/2001
 01/01/2001

 Violation id:
 060501403203212001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code:2032Contamination Name:DiquatViolation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id:060501403203312001Orig code:RState:09Violation Year:2001Contamination code:2033Contamination Name:Endothall

Violation code: 03 Violation name: Monitoring, Regular

Rule code:320Rule name:SOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

 State mcl:
 Not Reported
 Cmp bdt:
 01/01/2001

 Cmp edt:
 12/31/2001
 01/01/2001

Violation id:060501403203412001Orig code:RState:09Violation Year:2001Contamination and assignment of the property of

Contamination code: 2034 Contamination Name: Glyphosate
Violation code: 03 Violation name: Monitoring, Regular
Rule code: 320 Rule name: SOC

Violation measur:

Not Reported

State mcl:

Not Reported

Cmp bdt:

12/31/2001

Violation measure:

Not Reported

O1/01/2001

 Violation id:
 060501403203512001
 Orig code:
 R

 State:
 09
 Violation Year:
 200

Contamination code: 2035 Contamination Name: Di(2-ethylhexyl) adipate
Violation code: Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC
Violation measur: Not Reported Unit of measure: Not Reported

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403203612001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2036 Contamination Name: OXAMYL
Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC
Violation measur: Not Reported Unit of measure: Not Reported

State mcl: Not Reported Cmp bdt: 01/01/2001
Cmp edt: 12/31/2001

Violation id:060501403203712001Orig code:RState:09Violation Year:2001Contamination code:2037Contamination Name:Simazine

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id: 060501403203912001 Orig code: R
State: 09 Violation Vear: 2001

State: 09 Violation Year: 2001 Contamination code: 2039 Contamination Name: Di(2-ethylhexyl) phthalate

Violation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur: Not Reported Unit of measure: Not Reported

 State mcl:
 Not Reported
 Cmp bdt:
 01/01/2001

 Cmp edt:
 12/31/2001
 01/01/2001

Violation id:060501403204012001Orig code:RState:09Violation Year:2001Contamination code:2040Contamination Name:Picloram

Contamination code: 2040 Contamination Name: Picloram

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur: Not Reported Unit of measure: Not Reported

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403204112001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2041 Contamination Name: Dinoseb

Violation code: 03 Violation name: Monitoring, Regular

Rule code:320Rule name:SOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

 Violation id:
 060501403204212001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

12/31/2001

Cmp edt:

Cmp edt:

Contamination code: 2042 Contamination Name: Hexachlorocyclopentadiene Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur: Not Reported Unit of measure: Not Reported

State mcl: Not Reported Cmp bdt: 01/01/2001
Cmp edt: 12/31/2001

Violation id:060501403204612001Orig code:RState:09Violation Year:2001Contamination code:2046Contamination Name:Carbofuran

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403205012001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2050 Contamination Name: Atrazine

Violation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403205112001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

State: 09 Violation Year: 2001
Contamination code: 2051 Contamination Name: LASSO
Violation code: 03 Violation name: Monitorir

Violation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403206312001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2063 Contamination Name: 2,3,7,8-TCDD
Violation code: Violation name: Monitoring, Regular

Rule code: 320 Rule name: Monitoring, Regula

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

 Violation id:
 060501403206512001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

12/31/2001

State: 09 Violation Year: 2001 Contamination code: 2065 Contamination Name: Heptachlor

Violation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403206712001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2067 Contamination Name: Heptachlor epoxide Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur: Not Reported Unit of measure: Not Reported
State mcl: Not Reported Cmp bdt: 01/01/2001

State mcl: Not Reported Cmp bdt:
Cmp edt: 12/31/2001

Violation id:060501403210512001Orig code:RState:09Violation Year:2001Contamination code:2105Contamination Name:2,4-D

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id: 060501403211012001 Orig code: R

State:09Violation Year:2001Contamination code:2110Contamination Name:2,4,5-TP

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Cmp edt: 12/31/2001

 Violation id:
 060501403227412001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2274 Contamination Name: HEXACHLOROBENZENE Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id: 060501403230612001 Orig code: R

State:09Violation Year:2001Contamination code:2306Contamination Name:Benzo(a)pyrene

 Violation code:
 03
 Violation name:
 Monitoring, Regular

 Rule code:
 320
 Rule name:
 SOC

 Violation measure:
 Not Reported
 Not Reported

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403232612001
 Orig code:
 R

 State:
 09
 Violation Year:
 200

State:09Violation Year:2001Contamination code:2326Contamination Name:Pentachlorophenol

Violation code:03Violation name:Monitoring, RegularRule code:320Rule name:SOC

Violation measur: Not Reported Unit of measure: Not Reported

 State mcl:
 Not Reported
 Cmp bdt:
 01/01/2001

 Cmp edt:
 12/31/2001

 Violation id:
 060501403237812001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2378 Contamination Name: 1,2,4-Trichlorobenzene Violation code: Violation name: Monitoring, Regular

Violation code:03Violation name:Monitoring, RegularRule code:310Rule name:VOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id: 060501403238012001 Orig code: R

State: 09 Violation Year: 2001

Contamination code: 2380 Contamination Name: cis-1,2-Dichloroethylene Violation code: 03 Violation name: Monitoring, Regular

Rule code:310Rule name:VOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Cmp edt: 12/31/2001

 Violation id:
 060501403238312001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2383

Contamination Name: Total Polychlorinated Biphenyls (PCB)

Violation code: 03 Violation name: Monitoring, Regular Rule code: 320 Rule name: SOC Violation measur: Not Reported Unit of measure: Not Reported Not Reported 01/01/2001 State mcl: Cmp bdt:

Cmp edt: 12/31/2001

 Violation id:
 060501403293112001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2931 Contamination Name: 1,2-DIBROMO-3-CHLOROPROPANE

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Cmp edt: 12/31/2001

 Violation id:
 060501403294612001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2946 Contamination Name: ETHYLENE DIBROMIDE Violation code: Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC
Violation measur: Not Reported Unit of measure: Not Re

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403295512001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2955 Contamination Name: Xylenes, Total Violation code: Violation name: Monitoring, Regular

Rule code:310Rule name:VOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Cmp edt: 12/31/2001

Violation id:060501403295912001Orig code:RState:09Violation Year:2001Contamination code:2959Contamination Name:Chlordane

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 320 Rule name: SOC
Violation measur: Not Reported Unit of measure: Not Reported

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id: 060501403296412001 Orig code: R
State: 09 Violation Year: 200

State: 09 Violation Year: 2001 Contamination code: 2964 Contamination Name: DICHLOROMETHANE

Violation code:03Violation name:Monitoring, RegularRule code:310Rule name:VOC

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

Violation id: 060501403296812001 R Orig code: State: Violation Year: 2001

Contamination code: 2968 Contamination Name: o-Dichlorobenzene Violation code: 03 Violation name: Monitoring, Regular Rule code:

310 Rule name: VOC Not Reported Violation measur: Not Reported Unit of measure: State mcl: Not Reported Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

060501403296912001 R Violation id: Orig code: Violation Year: State: 2001

Contamination code: 2969 Contamination Name: p-Dichlorobenzene Violation code: 03 Violation name: Monitoring, Regular Rule code: 310 Rule name: VOC

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 01/01/2001 State mcl: Cmp bdt: 12/31/2001 Cmp edt:

060501403297612001 R Violation id: Orig code: State: 09 Violation Year: 2001

Contamination code: 2976 Contamination Name: Vinyl chloride Violation code: 03 Violation name: Monitoring, Regular

Rule code: 310 Rule name: VOC Not Reported Violation measur: Not Reported Unit of measure:

State mcl: Not Reported Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

060501403297712001 Violation id: Orig code: State: 09 Violation Year: 2001

2977 1.1-Dichloroethylene Contamination code: Contamination Name: 03 Violation name: Monitoring, Regular Violation code:

Rule code: 310 Rule name: VOC Not Reported Not Reported Violation measur: Unit of measure:

Not Reported 01/01/2001 State mcl: Cmp bdt: Cmp edt: 12/31/2001

060501403297912001 R Violation id: Orig code: Violation Year: State: 09 2001

trans-1,2-Dichloroethylene Contamination code: 2979 Contamination Name: Violation code: 03 Violation name: Monitoring, Regular

Rule code: 310 Rule name: VOC Not Reported Not Reported Violation measur: Unit of measure:

Not Reported 01/01/2001 State mcl: Cmp bdt: 12/31/2001 Cmp edt:

Violation id: 060501403298012001 Orig code: R 09 2001

State: Violation Year: Contamination code: 2980 Contamination Name: 1,2-Dichloroethane

Violation code: 03 Violation name: Monitoring, Regular Rule code: 310 Rule name: VOC

Not Reported Not Reported Violation measur: Unit of measure:

Not Reported State mcl: Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

Violation id: 060501403298112001 Orig code: State: 09 Violation Year: 2001

Contamination code: 2981 Contamination Name: 1,1,1-Trichloroethane

Violation code: 03 Violation name: Monitoring, Regular Rule code: 310 Rule name: VOC

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 01/01/2001 State mcl: Cmp bdt: Cmp edt: 12/31/2001

 Violation id:
 060501403298212001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code:2982Contamination Name:Carbon tetrachlorideViolation code:03Violation name:Monitoring, RegularRule code:310Rule name:VOC

Violation measur:

Not Reported

State mcl:

Not Reported

Cmp bdt:

12/31/2001

Voc

Cmp bdt:

Voc

Vol

Cmp bdt:

Voc

Vol

Cmp bdt:

01/01/2001

 Violation id:
 060501403298312001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2983 Contamination Name: 1,2-Dichloropropane
Violation code: 03 Violation name: Monitoring, Regular
Rule code: 310 Rule name: VOC

Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 01/01/2001
Cmp edt: 12/31/2001

 Violation id:
 060501403298412001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2984 Contamination Name: Trichloroethylene
Violation code: Violation name: Monitoring, Regular

Rule code:310Rule name:VOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

 Violation id:
 060501403298512001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2985 Contamination Name: 1,1,2-Trichloroethane
Violation code: 03 Violation name: Monitoring, Regular

Rule code:310Rule name:VOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Violation id: 060501403298712001 Orig code: R

12/31/2001

12/31/2001

Cmp edt:

Cmp edt:

State: 09 Violation Year: 2001 Contamination code: 2987 Contamination Name: Tetrachl

Contamination code: 2987 Contamination Name: Tetrachloroethylene Violation code: 03 Violation name: Monitoring, Regular Rule code: 310 Rule name: VOC

Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

 Violation id:
 060501403298912001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 2989 Contamination Name: CHLOROBENZENE Violation code: 03 Violation name: Monitoring, Regular

Rule code:310Rule name:VOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001Cmp edt:12/31/2001

.

Violation id:060501403299012001Orig code:RState:09Violation Year:2001Contamination code:2990Contamination Name:Benzene

Violation code:03Violation name:Monitoring, RegularRule code:310Rule name:VOC

Rule code:310Rule name:VOCViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:01/01/2001

Violation id: 060501403299112001 Orig code: R State: Violation Year: 2001

Contamination code: 2991 Contamination Name: Toluene Monitoring, Regular Violation code: 03 Violation name:

Rule code: 310 Rule name: VOC Violation measur: Not Reported Unit of measure: Not Reported

State mcl: Not Reported Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

Violation id: 060501403299212001 R Orig code: 2001 State: Violation Year:

Contamination code: 2992 Contamination Name: Ethylbenzene Violation code: 03 Violation name: Monitoring, Regular Rule code: 310 Rule name: VOC

Not Reported Not Reported Violation measur: Unit of measure: Not Reported State mcl: Cmp bdt: 01/01/2001 Cmp edt: 12/31/2001

060501403299612001 R Violation id: Orig code:

State: 09 Violation Year: 2001 Contamination code: 2996 Contamination Name: Styrene

Violation code: 03 Violation name: Monitoring, Regular Rule code: 310 Rule name: VOC

Not Reported Not Reported Violation measur: Unit of measure: Cmp bdt: State mcl: Not Reported 01/01/2001 Cmp edt: 12/31/2001

0605014034000102007 R Violation id: Orig code: State: Violation Year: 2007

4000 Gross Alpha, Excl. Radon and U Contamination code: Contamination Name:

03 Violation name: Monitoring, Regular Violation code:

Rule code: 340 Rule name: Rads Not Reported Not Reported Violation measur: Unit of measure:

Not Reported 10/01/2007 State mcl: Cmp bdt: Cmp edt: 12/31/2007

060501403400012008 R Violation id: Orig code: Violation Year: 2008 State: 09

Contamination code: 4000 Contamination Name: Gross Alpha, Excl. Radon and U

Monitoring, Regular Violation code: 03 Violation name: Rule code: 340 Rule name: Rads

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 01/01/2008 State mcl: Cmp bdt: Cmp edt: 03/31/2008

Violation id: 060501403400042008 Orig code: R 09 Violation Year: 2008 State:

Contamination code: 4000 Contamination Name: Gross Alpha, Excl. Radon and U

Violation code: 03 Violation name: Monitoring, Regular

Rule name: Rule code: 340 Rads

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 04/01/2008 State mcl: Cmp bdt: Cmp edt: 06/30/2008

Violation id: 0605014034006102007 Orig code: 2007 State: 09 Violation Year:

Contamination code: 4006 **Combined Uranium** Contamination Name: 03 Violation name: Monitoring, Regular

Violation code: Rule code: 340 Rule name: Rads

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 10/01/2007 State mcl: Cmp bdt: Cmp edt: 12/31/2007

060501403400612008 Violation id: Orig code: R State: Violation Year: 2008

Contamination code: 4006 Contamination Name: Combined Uranium Violation code: 03 Violation name: Monitoring, Regular

Rule code: 340 Rule name: Rads Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 01/01/2008

060501403400642008 R Violation id: Orig code: 2008 State: Violation Year:

03/31/2008

Cmp edt:

Contamination code: 4006 Contamination Name: Combined Uranium Violation code: 03 Violation name: Monitoring, Regular 340 Rads Rule code: Rule name: Not Reported Not Reported Violation measur: Unit of measure:

Not Reported State mcl: Cmp bdt: 04/01/2008 Cmp edt: 06/30/2008

0605014034010102007 Violation id: Orig code: State: 09 Violation Year: 2007

Contamination code: 4010 Contamination Name: Combined Radium (-226 and -228)

Violation code: 03 Violation name: Monitoring, Regular

Rule code: 340 Rule name: Rads Violation measur: Not Reported Not Reported Unit of measure: Not Reported 10/01/2007 State mcl: Cmp bdt: Cmp edt: 12/31/2007

060501403401012008 R Violation id: Orig code: State: 09 Violation Year: 2008

4010 Combined Radium (-226 and -228) Contamination code: Contamination Name:

03 Monitoring, Regular Violation code: Violation name:

Rule code: 340 Rule name: Rads

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 01/01/2008 Cmp bdt: State mcl: Cmp edt: 03/31/2008

060501403401042008 R Violation id: Orig code:

Violation Year: 2008 State: 09 Contamination code: 4010 Contamination Name:

Combined Radium (-226 and -228) Monitoring, Regular Violation code: 03 Violation name:

Rule code: 340 Rule name: Rads

Not Reported Unit of measure: Not Reported Violation measur: Not Reported 04/01/2008 State mcl: Cmp bdt: 06/30/2008 Cmp edt:

Violation id: 060501403401072008 Orig code: R 09 Violation Year: 2008 State:

Contamination code: 4010 Combined Radium (-226 and -228) Contamination Name:

Violation code: 03 Violation name: Monitoring, Regular

Rule name: Rule code: 340 Rads Not Reported Not Reported Violation measur: Unit of measure:

Not Reported State mcl: Cmp bdt: 07/01/2008 Cmp edt: 09/30/2008

Violation id: 060501422310022000 Orig code: State: 09 Violation Year: 2000

3100 Coliform (TCR) Contamination code: Contamination Name: Violation code: 22 Violation name: MCL, Monthly (TCR)

Rule code: 110 Rule name: TCR

Not Reported Violation measur: Unit of measure: Not Reported Not Reported 02/01/2000 State mcl: Cmp bdt: Cmp edt: 02/29/2000

 Violation id:
 060501422310082000
 Orig code:
 R

 State:
 09
 Violation Year:
 2000

Contamination code: 3100 Contamination Name: Coliform (TCR)
Violation code: 22 Violation name: MCL, Monthly (TCR)

Rule code:110Rule name:TCRViolation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:08/01/2000

State mci: Not Reported Cmp bat: 08/01/200/ Cmp edt: 08/31/2000

 Violation id:
 0605014233100102001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code: 23 Violation name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR
Violation measur: Not Reported Unit of measure: Not Reported
State mcl: Not Reported Cmp bdt: 10/01/2001
Cmp edt: 10/31/2001

 Violation id:
 0605014233100112002
 Orig code:
 R

 State:
 09
 Violation Year:
 2002

Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code: 23 Violation name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR
Violation measure: Not Reported Linit of measure: Not Reported

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:11/01/2002Cmp edt:11/30/2002

 Violation id:
 060501423310072001
 Orig code:
 R

 State:
 09
 Violation Year:
 2001

Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code: 23 Violation name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:07/01/2001Cmp edt:07/31/2001

Violation id: 060501423310082001 Orig code: R

State: 09 Violation Year: 2001
Contamination code: 3100 Contamination Name: Colifo

Contamination code: 3100 Contamination Name: Coliform (TCR)
Violation code: 23 Violation name: Monitoring, Routine Major (TCR)

Rule code: 110 Rule name: TCR

Violation measur:

Not Reported

State mcl:

Not Reported

Cmp bdt:

Not Reported

O8/01/2001

Violation id: 060501423310092001 Orig code: R

08/31/2001

Cmp edt:

State: 09 Violation Year: 2001

Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code:23Violation name:Monitoring, Routine Major (TCR)Rule code:110Rule name:TCR

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:09/01/2001Cmp edt:09/30/2001

Violation id: 060501424310032000 Orig code: R

State: 09 Violation Year: 2000 Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code: 24 Violation name: Monitoring, Routine Minor (TCR)

Rule code: 110 Rule name: TCR

Violation measur:Not ReportedUnit of measure:Not ReportedState mcl:Not ReportedCmp bdt:03/01/2000Cmp edt:03/31/2000

060501424310042002 Violation id: Orig code: R State: Violation Year: 2002

Contamination code: 3100 Contamination Name: Coliform (TCR)

Monitoring, Routine Minor (TCR) Violation code: 24 Violation name:

Rule code: 110 Rule name: **TCR** Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 04/01/2002

060501424310092000 R Violation id: Orig code:

04/30/2002

Cmp edt:

Cmp edt:

2000 State: Violation Year: Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code: 24 Violation name: Monitoring, Routine Minor (TCR)

110 Rule name: **TCR** Rule code: Not Reported Not Reported Violation measur: Unit of measure:

Not Reported State mcl: Cmp bdt: 09/01/2000 Cmp edt: 09/30/2000

060501424310092007 Violation id: Orig code: R State: 09 Violation Year: 2007

Contamination code: 3100 Contamination Name: Coliform (TCR)

Violation code: 24 Violation name: Monitoring, Routine Minor (TCR)

Rule code: 110 Rule name: **TCR** Violation measur: Not Reported Unit of measure: Not Reported

Not Reported 09/01/2007 State mcl: Cmp bdt: Cmp edt: 09/30/2007

060501451500011996 R Violation id: Orig code: State: Violation Year: 1996

5000 Contamination code: Contamination Name: Lead and Copper Rule

Initial Tap Sampling for Pb and Cu Violation code: 51 Violation name:

Rule code: 350 Rule name: LCR

Not Reported Not Reported Violation measur: Unit of measure: Not Reported 01/01/1996 Cmp bdt: State mcl: Not Reported

060501451500071996 R Violation id: Orig code:

Violation Year: State: 09 1996

Contamination code: 5000 Contamination Name: Lead and Copper Rule

Initial Tap Sampling for Pb and Cu Violation code: 51 Violation name: Rule code: 350 Rule name: **LCR**

Not Reported Not Reported Unit of measure: Violation measur: 07/01/1996 Not Reported State mcl: Cmp bdt: Cmp edt: Not Reported

Violation id: 060501452500012009 Orig code: R 09 Violation Year: 2009 State:

Contamination code: 5000 Lead and Copper Rule Contamination Name:

Follow-up Or Routine LCR Tap M/R Violation code: 52 Violation name:

Rule code: 350 Rule name: **LCR**

Not Reported Not Reported Violation measur: Unit of measure: Not Reported State mcl: Cmp bdt: 01/01/2009 Cmp edt: Not Reported

Violation id: 060501452500012013 Orig code: State: 09 Violation Year: 2013

5000 Contamination code: Contamination Name: Lead and Copper Rule

Violation code: Violation name: Follow-up Or Routine LCR Tap M/R 52

Rule code: 350 Rule name:

Not Reported Violation measur: Not Reported Unit of measure: Not Reported 01/01/2013 State mcl: Cmp bdt: Cmp edt: Not Reported

060501471700072000 Violation id: Orig code: State: Violation Year:

2000 Contamination code: 7000 Contamination Name: Consumer Confidence Rule CCR Complete Failure to Report Violation code: 71 Violation name: Rule code: 420 Rule name: CCR

R

Violation measur: Not Reported Unit of measure: Not Reported State mcl: Not Reported Cmp bdt: 07/01/2000 Cmp edt: Not Reported

060501471700072001 R Violation id: Orig code: State: Violation Year: 2001

Contamination code: 7000 Contamination Name: Consumer Confidence Rule Violation code: 71 Violation name: CCR Complete Failure to Report 420 CCR Rule code: Rule name:

Not Reported Not Reported Violation measur: Unit of measure: State mcl: Not Reported Cmp bdt: 07/01/2001 Cmp edt: Not Reported

060501471700072002 Violation id: Orig code: R State: 09 Violation Year: 2002

Contamination code: 7000 Consumer Confidence Rule Contamination Name: Violation code: Violation name: CCR Complete Failure to Report 71 Rule code: 420 Rule name: CCR

Violation measur: Not Reported Unit of measure: Not Reported Not Reported 07/01/2002 State mcl: Cmp bdt: Cmp edt: Not Reported

System Name: Yurok - Requa Violation Type:

4/1/2002 0:00:00 Contaminant: 3100 Compliance Begin: Compliance End: 4/30/2002 0:00:00 Violation ID: 0200748

4/12/2007 0:00:00 **Enforcement Action: Enforcement Date:** Not Reported

System Name: Yurok - Requa Violation Type: 24

Compliance Begin: 4/1/2002 0:00:00 Contaminant: 3100

Compliance End: 4/30/2002 0:00:00 Violation ID: 0200748 **Enforcement Date:** No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

Compliance Begin: Contaminant: 3100 11/1/2002 0:00:00 11/30/2002 0:00:00 0300749 Compliance End: Violation ID:

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

11/1/2002 0:00:00 Contaminant: 3100 Compliance Begin:

Compliance End: 11/30/2002 0:00:00 Violation ID: 0300749 **Enforcement Date:** 4/12/2007 0:00:00 **Enforcement Action:** Not Reported

System Name: Yurok - Requa Violation Type: 24

Compliance Begin: Contaminant: 3100

9/1/2000 0:00:00 Compliance End: 9/30/2000 0:00:00 Violation ID: 0370503 4/12/2007 0:00:00 **Enforcement Action: Enforcement Date:** Not Reported

System Name: Yurok - Requa Violation Type: 24

Compliance Begin: Contaminant: 3100

9/1/2000 0:00:00 Compliance End: 9/30/2000 0:00:00 Violation ID: 0370503

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Violation Type: Yurok - Requa 24

Contaminant: Compliance Begin:

3/1/2000 0:00:00 3/31/2000 0:00:00 Compliance End: Violation ID: 0370504

No Enf Action as of 10/17/2006 0:00:00 **Enforcement Date:** Enforcement Action:

System Name: Yurok - Requa Violation Type:

Contaminant: 3100 Compliance Begin: 3/1/2000 0:00:00

Compliance End: 3/31/2000 0:00:00 Violation ID: 0370504 **Enforcement Date:** 4/12/2007 0:00:00 **Enforcement Action:** Not Reported

System Name: Yurok - Requa Violation Type:

Contaminant: 2991 Compliance Begin: 1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371081

Enforcement Action: 10/17/2006 0:00:00 **Enforcement Date:** No Enf Action as of

System Name: Yurok - Requa Violation Type: 2991 Compliance Begin: 01/01/01 Contaminant: Compliance End: 12/31/01 Violation ID: 0371081 08/21/06 **Enforcement Action: EOX** Enforcement Date:

Violation Type: System Name: Yurok - Requa 3

Contaminant: Compliance Begin:

1/1/2001 0:00:00 12/31/2001 0:00:00 Compliance End: Violation ID: 0371091

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Contaminant: 2981 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371091 **Enforcement Date:** 08/21/06 Enforcement Action: FOX

System Name: Yurok - Requa Violation Type: Contaminant: 2378 Compliance Begin: 01/01/01 0371092 Compliance End: 12/31/01 Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Regua Violation Type:

Contaminant: 2378 Compliance Begin:

No Enf Action as of

Enforcement Date:

1/1/2001 0:00:00 12/31/2001 0:00:00 Compliance End: Violation ID: 0371092

Enforcement Action:

System Name: Yurok - Requa Violation Type: Contaminant: 2380 Compliance Begin: 01/01/01

Compliance End: 12/31/01 Violation ID: 0371093 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

1/1/2001 0:00:00 Contaminant: 2380 Compliance Begin:

12/31/2001 0:00:00 Compliance End: Violation ID: 0371093

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 2955 01/01/01 Contaminant: Compliance Begin: 12/31/01 0371094 Compliance End: Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2955 Compliance Begin:

1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371094

Enforcement Action: 10/17/2006 0:00:00 **Enforcement Date:** No Enf Action as of

System Name: Yurok - Requa Violation Type:

Contaminant: 2964 Compliance Begin:

1/1/2001 0:00:00

12/31/2001 0:00:00 0371095 Compliance End: Violation ID:

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Yurok - Requa System Name: Violation Type: Contaminant: 2964 Compliance Begin: 01/01/01

10/17/2006 0:00:00

0371095 Compliance End: 12/31/01 Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2968 Compliance Begin: 1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371096

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Yurok - Requa System Name: Violation Type:

01/01/01 Contaminant: 2968 Compliance Begin: Compliance End: 12/31/01 Violation ID: 0371096 08/21/06 **Enforcement Action:** EOX **Enforcement Date:**

Yurok - Requa Violation Type: System Name: 3

1/1/2001 0:00:00 Contaminant: 2969 Compliance Begin:

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371097 **Enforcement Date:** No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 2969 Compliance Begin: Contaminant: 01/01/01 12/31/01 Violation ID: 0371097 Compliance End: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: Compliance Begin: 2976

1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371098

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 01/01/01 Contaminant: 2976 Compliance Begin: 12/31/01 0371098 Compliance End: Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

Violation Type: System Name: Yurok - Requa

Contaminant: 2977 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371099

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 Contaminant: 2977 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371099 08/21/06 Enforcement Action: **Enforcement Date:** EOX

System Name: Yurok - Requa Violation Type: 2996 Compliance Begin: 01/01/01 Contaminant: Compliance End: 12/31/01 Violation ID: 0371100 **Enforcement Date:** 08/21/06 **Enforcement Action:** EOX

Yurok - Requa Violation Type: System Name:

Contaminant: 2996 Compliance Begin: 1/1/2001 0:00:00

12/31/2001 0:00:00 Compliance End: Violation ID: 0371100

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 Contaminant: 2980 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371101 **Enforcement Date:** 08/21/06 Enforcement Action: **EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2980 Compliance Begin:

1/1/2001 0:00:00 12/31/2001 0:00:00 Compliance End: Violation ID: 0371101

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

Compliance Begin: Contaminant: 2992 1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371102

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Contaminant: 2992 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371102 08/21/06 **Enforcement Action: Enforcement Date:** EOX

System Name: Yurok - Requa Violation Type: Contaminant: 2982 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371103 **Enforcement Action:**

System Name: Yurok - Requa Violation Type:

08/21/06

Enforcement Date:

Contaminant: 2982 Compliance Begin: 1/1/2001 0:00:00

12/31/2001 0:00:00 Compliance End: Violation ID: 0371103 **Enforcement Date:** No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Violation Type: System Name: Yurok - Requa

Contaminant: 2983 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371104 **Enforcement Date:** 08/21/06 Enforcement Action: FOX

System Name: Yurok - Regua Violation Type:

Contaminant: 2983 Compliance Begin: 1/1/2001 0:00:00 0371104

12/31/2001 0:00:00 Compliance End: Violation ID: **Enforcement Date:** No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Regua Violation Type:

Contaminant: 2984 Compliance Begin: 1/1/2001 0:00:00

12/31/2001 0:00:00 Compliance End: Violation ID: 0371105

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Contaminant: 2984 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371105 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

1/1/2001 0:00:00 Contaminant: 2985 Compliance Begin:

12/31/2001 0:00:00 Violation ID: Compliance End: 0371106

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

01/01/01 Compliance End: 12/31/01 Compliance Begin: Violation ID: 0371106 Enforcement Date: 08/21/06

Enforcement Action: EOX

Contaminant:

2985

System Name: Yurok - Requa Violation Type:

Compliance Begin: Contaminant: 2987 1/1/2001 0:00:00

12/31/2001 0:00:00 Compliance End: Violation ID: 0371107

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Yurok - Requa System Name: Violation Type:

Compliance Begin: 2987 01/01/01 Contaminant: Compliance End: 12/31/01 Violation ID: 0371107 **Enforcement Date:** 08/21/06 Enforcement Action: **EOX**

System Name: Yurok - Requa Violation Type: 3

EOX

1/1/2001 0:00:00 Contaminant: 2989 Compliance Begin: Compliance End: 12/31/2001 0:00:00 Violation ID: 0371108

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Contaminant: 2989 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371108 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3

01/01/01 Contaminant: 2990 Compliance Begin: 12/31/01 Violation ID: 0371109 Compliance End: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3

Contaminant: 2990 Compliance Begin: 1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371109

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3

Compliance Begin: Contaminant: 1/1/2001 0:00:00 2979

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371111

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Contaminant: 2979 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371111 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2033 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371296

Enforcement Action: 10/17/2006 0:00:00 **Enforcement Date:** No Enf Action as of

System Name: Yurok - Requa Violation Type: 3 Contaminant: 2033 Compliance Begin: 01/01/01

Compliance End: 12/31/01 Violation ID: 0371296 **Enforcement Date:** 08/21/06 Enforcement Action: **EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2031 Compliance Begin: 1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371299

No Enf Action as of Enforcement Action: 10/17/2006 0:00:00 **Enforcement Date:**

System Name: Yurok - Requa Violation Type: Contaminant: 2031 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371299 08/21/06 **Enforcement Action: Enforcement Date: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2020 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371300

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Yurok - Requa Violation Type: System Name: Contaminant: 2020 Compliance Begin: 01/01/01 Compliance End: 0371300 12/31/01 Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 2065 Compliance Begin:

1/1/2001 0:00:00 Compliance End: 12/31/2001 0:00:00 Violation ID: 0371301

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 Contaminant: 2015 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371301 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3

Contaminant: 2010 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371302

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name:Yurok - RequaViolation Type:3Contaminant:2010Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371302Enforcement Date:08/21/06Enforcement Action:EOX

Violation Type: System Name: Yurok - Requa 3 Contaminant: Compliance Begin: 01/01/01 2005 Compliance End: 12/31/01 Violation ID: 0371312 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3

Contaminant: 2005 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371312

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3

Contaminant: 2034 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371330
Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3

Contaminant:2034Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371330Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa Violation Type: 3

 Contaminant:
 2032
 Compliance Begin:
 1/1/2001 0:00:00

 Compliance End:
 12/31/2001 0:00:00
 Violation ID:
 0371346

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name:Yurok - RequaViolation Type:3Contaminant:2032Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371346Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa Violation Type: 3

Contaminant: 2042 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371376

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

Yurok - Requa Violation Type: System Name: 3 Compliance Begin: 01/01/01 Contaminant: 2042 Compliance End: 12/31/01 Violation ID: 0371376 **Enforcement Date:** 08/21/06 Enforcement Action: **EOX**

System Name: Yurok - Requa Violation Type: 3

Contaminant:2067Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371378Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa

Contaminant: 2067

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa
Contaminant: 2063
Compliance End: 12/31/01
Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2063

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2051

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2051 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2110 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2110

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Regua

Contaminant: 2046

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa
Contaminant: 2046
Compliance End: 12/31/01
Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2274

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa
Contaminant: 2274
Compliance End: 12/31/01
Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2041

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2041

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371378

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3
Compliance Begin: 01/01/01
Violation ID: 0371380
Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371380

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371381

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371381 Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371382 Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371382

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371383

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371383 Enforcement Action: EOX

Violation Type:

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371384

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371384 Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371385

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01

0371385 Compliance End: 12/31/01 Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3 01/01/01 Contaminant: 2040 Compliance Begin: Compliance End: 12/31/01 Violation ID: 0371386 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

2040 1/1/2001 0:00:00 Contaminant: Compliance Begin:

12/31/2001 0:00:00 Compliance End: Violation ID: 0371386 No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00 **Enforcement Date:**

Yurok - Requa Violation Type: 3 System Name: 01/01/01 Contaminant: 2039 Compliance Begin: Compliance End: 12/31/01 Violation ID: 0371387 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Compliance Begin: Contaminant: 2039

1/1/2001 0:00:00 12/31/2001 0:00:00 Violation ID: Compliance End: 0371387

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 Contaminant: Compliance Begin: 01/01/01 2037 Compliance End: 12/31/01 Violation ID: 0371388 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

Violation Type: System Name: Yurok - Requa 3

1/1/2001 0:00:00 Contaminant: 2037 Compliance Begin:

12/31/2001 0:00:00 0371388 Compliance End: Violation ID:

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Violation Type: Yurok - Requa System Name: Contaminant: 2036 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371389 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Compliance Begin: Contaminant: 2036 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371389

Enforcement Action: 10/17/2006 0:00:00 **Enforcement Date:** No Enf Action as of

System Name: Yurok - Requa Violation Type:

2035 Compliance Begin: 1/1/2001 0:00:00 Contaminant:

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371390

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Violation Type: System Name: Yurok - Requa Contaminant: 2035 Compliance Begin: 01/01/01 0371390 Compliance End: 12/31/01 Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371391

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

Contaminant: 2050 Compliance Begin: 01/01/01 Compliance End: 0371391 12/31/01 Violation ID: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa

Contaminant: 2105

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2105 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2959 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2959

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2946

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2946 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2931

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 2931 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2383

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa Contaminant: 2383

Contaminant: 2383 Compliance End: 12/31/01 Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2326

Compliance End: 12/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa
Contaminant: 2326
Compliance End: 12/31/01
Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 2306

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371398

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3 Compliance Begin: 01/01/01 Violation ID: 0371398

Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371401

Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371401

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371402

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371402

Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371403

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371403

Violation ID: 037140 Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371404

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371404

Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2001 0:00:00

Violation ID: 0371405

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/01 Violation ID: 0371405

Enforcement Action:

Violation Type:

Compliance Begin: 1/1/2001 0:00:00

EOX

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371406

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Contaminant: 2306 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371406 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

1/1/2001 0:00:00 Contaminant: 1025 Compliance Begin:

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371435 No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00 **Enforcement Date:**

Yurok - Requa Violation Type: 3 System Name: 01/01/01 Contaminant: 1025 Compliance Begin: Compliance End: 12/31/01 Violation ID: 0371435 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Compliance Begin: Contaminant: 1005

1/1/2001 0:00:00 12/31/2001 0:00:00 Violation ID: Compliance End: 0371443

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 Contaminant: Compliance Begin: 01/01/01 1005 Compliance End: 12/31/01 Violation ID: 0371443 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3

Contaminant: 1010 Compliance Begin: 1/1/2001 0:00:00

12/31/2001 0:00:00 0371444 Compliance End: Violation ID:

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

Yurok - Requa System Name: Violation Type: Contaminant: 1010 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371444 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3 Contaminant: 1015 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371445 08/21/06 Enforcement Action: **Enforcement Date:** EOX

System Name: Yurok - Requa Violation Type:

Compliance Begin: 1/1/2001 0:00:00 Contaminant: 1015

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371445

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

Violation Type: System Name: Yurok - Requa Contaminant: 1024 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371447 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

Contaminant: 1024 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371447

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

Contaminant: 1035 Compliance Begin:

1/1/2001 0:00:00 12/31/2001 0:00:00 Compliance End: Violation ID: 0371449

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name:Yurok - RequaViolation Type:3Contaminant:1035Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371449Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa Violation Type: 3

 Contaminant:
 1045
 Compliance Begin:
 1/1/2001 0:00:00

 Compliance End:
 12/31/2001 0:00:00
 Violation ID:
 0371450

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name:Yurok - RequaViolation Type:3Contaminant:1045Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371450Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa Violation Type: 3

Contaminant: 1074 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371451

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name:Yurok - RequaViolation Type:3Contaminant:1074Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371451Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa Violation Type: 3

Contaminant: 1075 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371452

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name:Yurok - RequaViolation Type:3Contaminant:1075Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371452Enforcement Date:08/21/06Enforcement Action:EOX

System Name:Yurok - RequaViolation Type:3Contaminant:1085Compliance Begin:01/01/01Compliance End:12/31/01Violation ID:0371453Enforcement Date:08/21/06Enforcement Action:EOX

System Name: Yurok - Requa Violation Type: 3

Contaminant: 1085 Compliance Begin: 1/1/2001 0:00:00

Compliance End: 12/31/2001 0:00:00 Violation ID: 0371453

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3

 Contaminant:
 1020
 Compliance Begin:
 1/1/2001 0:00:00

 Compliance End:
 12/31/2001 0:00:00
 Violation ID:
 0371460

Enforcement Date: No Enf Action as of Enforcement Action: 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 3 Contaminant: 1020 Compliance Begin: 01/01/01 Compliance End: 12/31/01 Violation ID: 0371460 **Enforcement Action: Enforcement Date:** 08/21/06 **EOX**

System Name: Yurok - Requa Violation Type: 3 01/01/01 Contaminant: 1040 Compliance Begin: 12/31/01 0371469 Compliance End: Violation ID: **Enforcement Date:** 02/04/05 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3

Contaminant: 1040 Compliance Begin: 1/1/2001 0:00:00

0371469 Compliance End: 12/31/2001 0:00:00 Violation ID: **Enforcement Date:** 2/4/2005 0:00:00 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 3 01/01/00 Contaminant: 1040 Compliance Begin: Compliance End: 12/31/00 Violation ID: 0371486 **Enforcement Date:** 02/04/05 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type:

1040 Contaminant: Compliance Begin:

1/1/2000 0:00:00 Compliance End: 12/31/2000 0:00:00 Violation ID: 0371486 2/4/2005 0:00:00 **Enforcement Action:** EOX **Enforcement Date:**

Yurok - Requa Violation Type: System Name: 71

7/1/2002 0:00:00 Contaminant: 7000 Compliance Begin: Compliance End: 12/31/2025 0:00:00 Violation ID: 0371624

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: Compliance Begin: Contaminant: 7000 07/01/02 08/21/06 Violation ID: 0371624 Compliance End: **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 71 Contaminant: Compliance Begin: 07/01/01 7000 Compliance End: 08/21/06 Violation ID: 0371637 **Enforcement Date:** 08/21/06 **Enforcement Action: EOX**

System Name: Yurok - Requa Violation Type: 71

7/1/2001 0:00:00 Contaminant: 7000 Compliance Begin:

12/31/2025 0:00:00 Compliance End: Violation ID: 0371637

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type:

Contaminant: 7000 Compliance Begin: 7/1/2000 0:00:00

Compliance End: 12/31/2025 0:00:00 Violation ID: 0371649

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 71 Contaminant: 7000 Compliance Begin: 07/01/00 Compliance End: 08/21/06 Violation ID: 0371649 08/21/06 Enforcement Action: **Enforcement Date:** EOX

System Name: Yurok - Requa Violation Type: 23

Compliance Begin: 10/1/2001 0:00:00 Contaminant: 3100

Compliance End: 10/31/2001 0:00:00 Violation ID: 0372068 4/12/2007 0:00:00 Enforcement Action: Not Reported Enforcement Date:

Violation Type: System Name: Yurok - Requa

Contaminant: 3100 Compliance Begin:

10/1/2001 0:00:00 10/31/2001 0:00:00 Compliance End: Violation ID: 0372068

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa Violation Type: 23

Contaminant: Compliance Begin: 8/1/2001 0:00:00

Compliance End: 8/31/2001 0:00:00 Violation ID: 0372084 **Enforcement Date:** 4/12/2007 0:00:00 **Enforcement Action:** Not Reported

System Name: Yurok - Requa Violation Type:

Contaminant: 3100 Compliance Begin:

8/1/2001 0:00:00 8/31/2001 0:00:00 0372084 Compliance End: Violation ID:

Enforcement Date: No Enf Action as of **Enforcement Action:** 10/17/2006 0:00:00

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 9/30/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 9/30/2001 0:00:00 Enforcement Date: 9/30/2007 0:00:00

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 7/31/2001 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 7/31/2001 0:00:00 Enforcement Date: 4/12/2007 0:00:00

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 8/31/2000 0:00:00 Enforcement Date: 4/12/2007 0:00:00

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 8/31/2000 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 2/29/2000 0:00:00 Enforcement Date: 4/12/2007 0:00:00

System Name: Yurok - Requa

Contaminant: 3100

Compliance End: 2/29/2000 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa
Contaminant: 1040
Compliance End: 12/31/04
Enforcement Date: 08/21/06

System Name: Yurok - Requa

Contaminant: 1040

Compliance End: 12/31/2004 0:00:00

Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 7000

Compliance End: 12/31/2025 0:00:00
Enforcement Date: No Enf Action as of

System Name: Yurok - Requa

Contaminant: 5000

Compliance End: 2/4/2005 0:00:00 Enforcement Date: 2/4/2005 0:00:00

System Name: YUROK - REQUA

Contaminant: 5000

Violation Type: 23

Compliance Begin: 9/1/2001 0:00:00

Violation ID: 0372086

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 23

Compliance Begin: 9/1/2001 0:00:00
Violation ID: 0372086
Enforcement Action: Not Reported

Violation Type: 23

Compliance Begin: 7/1/2001 0:00:00

Violation ID: 0372088

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 23

Compliance Begin: 7/1/2001 0:00:00
Violation ID: 0372088
Enforcement Action: Not Reported

Violation Type: 22

Compliance Begin: 8/1/2000 0:00:00
Violation ID: 0372118
Enforcement Action: Not Reported

Violation Type: 22

Compliance Begin: 8/1/2000 0:00:00

Violation ID: 0372118

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 22

Compliance Begin: 2/1/2000 0:00:00
Violation ID: 0372138
Enforcement Action: Not Reported

Violation Type: 22

Compliance Begin: 2/1/2000 0:00:00

Violation ID: 0372138

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 3

Compliance Begin: 01/01/04 Violation ID: 0503574 Enforcement Action: EOX

Violation Type: 3

Compliance Begin: 1/1/2004 0:00:00

Violation ID: 0503574

Enforcement Action: 10/17/2006 0:00:00

Violation Type: 71

Compliance Begin: 7/1/2004 0:00:00 Violation ID: 060501471700072004 Enforcement Action: 10/17/2006 0:00:00

Violation Type: 51

Compliance Begin: 1/1/1996 0:00:00

Violation ID: 9653071 Enforcement Action: EOX

Violation Type: 51

Compliance Begin: 1996-01-01

Compliance End: 2015-12-31 Violation ID: 9653071 **Enforcement Date:** Not Reported **Enforcement Action:** Not Reported

REQUA COMMUNITY System Name: Violation Type:

1996-01-01 Contaminant: 5000 Compliance Begin: Compliance End: 2015-12-31 Violation ID: 9653071 **Enforcement Date:** Not Reported **Enforcement Action:** Not Reported

REQUA COMMUNITY System Name: Violation Type:

1996-01-01 Contaminant: 5000 Compliance Begin: Compliance End: 2015-12-31 Violation ID: 9653071 Not Reported **Enforcement Action:** Not Reported **Enforcement Date:**

Yurok - Requa Violation Type: 51 System Name: 01/01/96 Contaminant: 5000 Compliance Begin: Compliance End: 02/04/05 Violation ID: 9653071 **Enforcement Date:** 02/04/05 **Enforcement Action: EOX**

REQUA COMMUNITY System Name: Violation Type: 51

Compliance Begin: Contaminant: 5000 1996-07-01 Violation ID: 9653072 Compliance End: 2015-12-31 **Enforcement Date: Enforcement Action:** Not Reported Not Reported

System Name: REQUA COMMUNITY Violation Type: 51

Contaminant: 1996-07-01 Compliance Begin: 5000 9653072 Compliance End: 2015-12-31 Violation ID: **Enforcement Date:** Not Reported **Enforcement Action:** Not Reported

System Name: Yurok - Requa Violation Type: 51 07/01/96 Contaminant: 5000 Compliance Begin: 01/21/04 9653072 Compliance End: Violation ID: **Enforcement Date:** 01/21/04 **Enforcement Action: EOX**

YUROK - REQUA Violation Type: System Name: 51

Contaminant: 5000 Compliance Begin: 1996-07-01 Compliance End: 2015-12-31 Violation ID: 9653072 **Enforcement Date:** Not Reported **Enforcement Action:** Not Reported

System Name: Yurok - Requa Violation Type:

Compliance Begin: 7/1/1996 0:00:00 Contaminant: 5000

Compliance End: 1/21/2004 0:00:00 Violation ID: 9653072 1/21/2004 0:00:00 **Enforcement Date: Enforcement Action:** EOX

Violation ID: 0605014023000101982 Oria Code:

Enforcemnt FY: **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

0605014023000101983 Violation ID: Orig Code: R

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501402300011983 Violation ID: Orig Code:

Enforcemnt FY: **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501402300011984 Orig Code:

Enforcement Action: Enforcemnt FY: 2007

03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501402300031987 Violation ID: Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501402300071990 Violation ID: Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403100511996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403100511998 Orig Code:

2006 08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403100512001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403101011996 Orig Code:

Enforcemnt FY: 08/21/2006 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403101011998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403101012001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403101511996 Orig Code: R

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403101511998 Violation ID: Orig Code: R

Enforcemnt FY: **Enforcement Action:**

08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501403101512001 Violation ID: Orig Code:

08/21/2006 Enforcemnt FY: 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403102011996 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403102011998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403102012001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403102411998 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403102412001 Orig Code:

Enforcemnt FY: 2006 08/21/2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403102511996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403102511998 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403102512001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403103511996 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403103511998 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403103512001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving Violation ID: 060501403103811996 Orig Code: Enforcemnt FY: 2005 Enforcement Action: 02/04/2005 **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving 060501403104011996 Violation ID: Orig Code: Enforcemnt FY: 02/04/2005 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403104011998 Orig Code: Enforcemnt FY: 2005 **Enforcement Action:** 02/04/2005 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403104011999 Orig Code: 02/04/2005 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403104012000 Orig Code: Enforcemnt FY: **Enforcement Action:** 02/04/2005 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403104012001 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 02/04/2005 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403104012004 Orig Code: 2006 08/21/2006 Enforcemnt FY: Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403104012009 Violation ID: Orig Code: R Enforcemnt FY: 2011 **Enforcement Action:** 02/22/2011 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403104111998 Orig Code: Enforcemnt FY: 2005 **Enforcement Action:** 02/04/2005 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403104511996 Orig Code:

Enforcemnt FY:

Enforcement Detail:

2006

Fed Compliance achieved

08/21/2006

Resolving

Enforcement Action:

Enforcement Category:

060501403104511998 Violation ID: Orig Code:

Enforcemnt FY:

Enforcement Action: 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403104512001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:**

08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403105211996 Orig Code:

2006 08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403107411998 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403107412001 Orig Code:

Enforcemnt FY: 08/21/2006 2006 Enforcement Action: **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403107511998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403107512001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403108511998 Orig Code: R

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403108512001 Violation ID: Orig Code: R

08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403109411996 Violation ID: Orig Code:

08/21/2006 Enforcemnt FY: 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403200511998 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403200512001 Orig Code:

Enforcemnt FY:

Enforcement Action: 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403201011996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403201011998 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID:

060501403201012001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:**

08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

060501403201511996 Violation ID: Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403201511998 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403201512001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403202011996 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403202011998 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403202012001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving 060501403203111998 Violation ID: Orig Code: Enforcemnt FY: 2006 Enforcement Action: 08/21/2006 **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving 060501403203112001 Violation ID: Orig Code: Enforcemnt FY: 08/21/2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403203211998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403203212001 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403203311998 Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403203312001 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403203411998 Orig Code: 2006 08/21/2006 Enforcemnt FY: Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403203412001 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403203511998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID:

Enforcemnt FY:

Enforcement Detail:

060501403203512001

Fed Compliance achieved

2006

08/21/2006

Resolving

Orig Code:

Enforcement Action:

Enforcement Category:

060501403203611998 Violation ID: Orig Code:

Enforcemnt FY:

Enforcement Action: 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403203612001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403203711998 Orig Code:

2006 08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403203712001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403203911998 Orig Code:

Enforcemnt FY: 08/21/2006 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403203912001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403204011998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403204012001 Orig Code: R

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403204111998 Violation ID: Orig Code: R

Enforcemnt FY: **Enforcement Action:**

08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501403204112001 Violation ID: Orig Code:

Enforcemnt FY: 2006 Enforcement Action:

08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403204211998 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:**

08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403204212001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403204611996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403204611998 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403204612001 Orig Code:

060501403205011996

Violation ID:

Enforcemnt FY: 2006 08/21/2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Orig Code:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403205011998 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403205012001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403205111996 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403205111998 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403205112001 Violation ID: Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving 060501403206312001 Violation ID: Orig Code: Enforcemnt FY: 2006 Enforcement Action: 08/21/2006 **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving 060501403206511996 Violation ID: Orig Code: Enforcemnt FY: 08/21/2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403206511998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403206512001 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403206711996 Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403206711998 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403206712001 Orig Code: 2006 08/21/2006 Enforcemnt FY: Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403210511996 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403210511998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403210512001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Fed Compliance achieved

Enforcement Detail:

Resolving

Enforcement Category:

Orig Code:

08/21/2006

060501403211011996 Violation ID:

Enforcemnt FY:

Enforcement Action: 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403211011998 Orig Code:

Enforcemnt FY: 2006

Enforcement Action: Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403211012001 Orig Code:

2006 08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403227411998 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403227412001 Orig Code:

Enforcemnt FY: 08/21/2006 2006 Enforcement Action: **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403230611998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403230612001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403232611996 Orig Code: R

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403232611998 Violation ID: Orig Code: R

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403232612001 Violation ID: Orig Code:

08/21/2006 Enforcemnt FY: 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403237811998 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403237812001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403238011996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403238011998 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403238012001 Orig Code:

Enforcemnt FY: 2006 08/21/2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403238311996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403238311998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403238312001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403293111996 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403293111998 Violation ID: Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403293112001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving Violation ID: 060501403294611996 Orig Code: Enforcemnt FY: 2006 Enforcement Action: 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403294611998 Violation ID: Orig Code: Enforcemnt FY: 08/21/2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403294612001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403295511996 Orig Code: 08/21/2006 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403295511998 Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403295512001 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403295911996 Orig Code: 2006 08/21/2006 Enforcemnt FY: Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403295911998 Violation ID: Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403295912001 Orig Code: 08/21/2006 Enforcement Action: Enforcemnt FY: 2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403296411998 Violation ID: Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail:

Fed Compliance achieved

Resolving

Enforcement Category:

060501403296412001 Violation ID: Orig Code:

Enforcemnt FY:

Enforcement Action: 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403296811996 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403296811998 Violation ID: Orig Code:

2006 08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403296812001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403296911996 Orig Code:

Enforcemnt FY: 08/21/2006 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403296911998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403296912001 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403297611996 Orig Code: R

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403297611998 Violation ID: Orig Code: R

08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403297612001 Violation ID: Orig Code:

08/21/2006 Enforcemnt FY: 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403297711996 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403297711998 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403297712001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403297911996 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403297911998 Orig Code:

Enforcemnt FY: 2006 08/21/2006 **Enforcement Action:** Fed Compliance achieved

Enforcement Detail: Enforcement Category: Resolving

060501403297912001 Violation ID: Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403298011996 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403298011998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403298012001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403298111996 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403298111998 Violation ID: Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving 060501403298112001 Violation ID: Orig Code: Enforcemnt FY: 2006 Enforcement Action: 08/21/2006 **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving 060501403298211996 Violation ID: Orig Code: Enforcemnt FY: 08/21/2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403298211998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403298212001 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403298311996 Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving 060501403298311998 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403298312001 Orig Code: 2006 08/21/2006 Enforcemnt FY: Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403298411996 Violation ID: Orig Code: R Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403298411998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403298412001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Fed Compliance achieved

Enforcement Detail:

Resolving

Enforcement Category:

060501403298511998 Violation ID: Orig Code:

Enforcemnt FY:

Enforcement Action: 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403298512001 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:**

08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501403298711996 Violation ID: Orig Code:

2006 08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403298711998 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403298712001 Orig Code:

Enforcemnt FY: 08/21/2006 2006 Enforcement Action: **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403298911996 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403298911998 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403298912001 Orig Code: R

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403299011996 Violation ID: Orig Code: R

08/21/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403299011998 Violation ID: Orig Code:

08/21/2006 Enforcemnt FY: 2006 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403299012001 Orig Code:

Enforcement Action: Enforcemnt FY: 2006

08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403299111996 Orig Code:

Enforcemnt FY: **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403299111998 Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403299112001 Orig Code:

08/21/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403299211996 Orig Code:

Enforcemnt FY: 2006 08/21/2006 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

060501403299211998 Violation ID: Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403299212001 Orig Code: 08/21/2006 Enforcemnt FY: 2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403299611996 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403299611998 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501403299612001 Violation ID: Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 0605014033000101984 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving 0605014033000101985 Violation ID: Orig Code: 03/23/2007 Enforcemnt FY: 2007 Enforcement Action: **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving 0605014033000101986 Violation ID: Orig Code: Enforcemnt FY: 03/23/2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 0605014033000101987 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Orig Code: Violation ID: 0605014033000101990 03/23/2007 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 0605014033000111984 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 0605014033000111985 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 0605014033000111986 Orig Code: 03/23/2007 Enforcemnt FY: 2007 Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 0605014033000111987 Violation ID: Orig Code: R Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 0605014033000111990 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403300011985 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Fed Compliance achieved

Enforcement Detail:

Resolving

Enforcement Category:

060501403300011986 Violation ID: Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403300011987 Violation ID: Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403300011988 Violation ID: Orig Code:

2007 03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 0605014033000121984 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 0605014033000121985 Orig Code:

Enforcemnt FY: 03/23/2007 2007 Enforcement Action:

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 0605014033000121986 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 0605014033000121987 Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 0605014033000121990 Orig Code: R

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403300021985 Violation ID: Orig Code: R

Enforcemnt FY: **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501403300021986 Violation ID: Orig Code: 2007

03/23/2007 Enforcemnt FY: Enforcement Action: **Enforcement Detail:**

Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300021987 Orig Code:

03/23/2007 **Enforcement Action:** Enforcemnt FY: 2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300021988 Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300031985 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300031986 Orig Code:

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300031987 Orig Code:

Enforcemnt FY: 2007 03/23/2007 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300031988 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300041985 Orig Code:

03/23/2007 Enforcemnt FY: 2007 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300041986 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300041987 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403300051985 Violation ID: Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300051986 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Fed Compliance achieved **Enforcement Detail:** Enforcement Category: Resolving

Violation ID: 060501403300051987 Orig Code:

03/23/2007 Enforcemnt FY: 2007 Enforcement Action:

Enforcement Category: Enforcement Detail: Fed Compliance achieved Resolving

060501403300061985 Violation ID: Orig Code:

Enforcemnt FY: 03/23/2007 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300061986 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300061987 Orig Code:

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300071983 Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

060501403300071984 Violation ID: Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300071985 Orig Code:

03/23/2007 Enforcemnt FY: 2007 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403300071986 Violation ID: Orig Code: R

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300071987 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300081984 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Fed Compliance achieved **Enforcement Detail: Enforcement Category:** Resolving

Orig Code:

Enforcement Action:

03/23/2007

060501403300081985 Violation ID:

Enforcemnt FY:

Enforcement Action: 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300081986 Orig Code:

Enforcemnt FY: 2007

Enforcement Action: 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501403300081987 Violation ID: Orig Code:

2007 Enforcemnt FY:

03/23/2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300081990 Orig Code:

Enforcemnt FY: 2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300091983 Orig Code:

03/23/2007 Enforcemnt FY: 2007 Enforcement Action:

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403300091984 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300091985 Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403300091986 Orig Code: R

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501403300091987 Violation ID: Orig Code: R

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

0605014034000102007 Violation ID: Orig Code:

12/18/2009 Enforcemnt FY: 2010 Enforcement Action:

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403400012008 Orig Code:

Enforcemnt FY: 2010 **Enforcement Action:**

12/18/2009 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403400042008 Orig Code:

Enforcemnt FY: **Enforcement Action:**

12/18/2009 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 0605014034006102007 Orig Code:

Enforcemnt FY: 2010 **Enforcement Action:**

12/18/2009 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501403400612008 Orig Code:

12/18/2009 Enforcemnt FY: 2010 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501403400642008 Orig Code:

Enforcemnt FY: 2010 12/18/2009 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

0605014034010102007 Violation ID: Orig Code:

Enforcemnt FY: 2010 **Enforcement Action:** 12/18/2009

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403401012008 Orig Code: 12/18/2009 Enforcemnt FY: 2010 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501403401042008 Orig Code: Enforcemnt FY: 2010 **Enforcement Action:** 12/18/2009 Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501403401072008 Orig Code: Enforcemnt FY: 2010 **Enforcement Action:** 12/18/2009 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501422310022000 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501422310082000 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 0605014233100101991 Orig Code: 03/23/2007 Enforcemnt FY: 2007 Enforcement Action: **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving 0605014233100101996 Violation ID: Orig Code: Enforcemnt FY: 03/23/2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 0605014233100101997 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 0605014233100102001 Orig Code: 03/23/2007 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 0605014233100111991 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 0605014233100111996 Violation ID: Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 0605014233100111997 Orig Code: 03/23/2007 Enforcemnt FY: 2007 Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 0605014233100112002 Violation ID: Orig Code: R Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310011991 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving Violation ID: 060501423310011992 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Fed Compliance achieved

Enforcement Detail:

Resolving

Enforcement Category:

060501423310011996 Violation ID: Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501423310011997 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501423310011998 Orig Code:

2007 03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 0605014233100121991 Orig Code: Enforcemnt FY: 2007

Enforcement Action: 03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 0605014233100121996 Orig Code:

Enforcemnt FY: 03/23/2007 2007 Enforcement Action: **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 0605014233100121997 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501423310021991 Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501423310021996 Orig Code: R

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

060501423310021997 Violation ID: Orig Code: R

Enforcemnt FY: **Enforcement Action:**

03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

060501423310021998 Violation ID: Orig Code: 2007

03/23/2007 Enforcemnt FY: Enforcement Action: **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501423310031991 Orig Code:

03/23/2007 **Enforcement Action:** Enforcemnt FY: 2007

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501423310031996 Orig Code:

Enforcemnt FY: **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501423310031997 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving

Violation ID: 060501423310031998 Orig Code:

03/23/2007 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501423310041992 Orig Code:

Enforcemnt FY: 2007 03/23/2007 **Enforcement Action:**

Enforcement Detail: Fed Compliance achieved Enforcement Category: Resolving

Violation ID: 060501423310041996 Orig Code:

Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving 060501423310041997 Violation ID: Orig Code: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310041998 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501423310051992 Violation ID: Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310051996 Orig Code: R 03/23/2007 Enforcemnt FY: 2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310051997 Orig Code: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310051998 Orig Code: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Action: Enforcement Category:** Resolving **Enforcement Detail:** Fed Compliance achieved 060501423310061992 Violation ID: Orig Code: Enforcemnt FY: 03/23/2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310061996 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail: Enforcement Category:** Resolving Fed Compliance achieved Violation ID: 060501423310061997 Oria Code: R 03/23/2007 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501423310061998 Violation ID: Orig Code: R Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501423310071991 Violation ID: Orig Code: 03/23/2007 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310071992 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310071997 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310071998 Orig Code: Enforcemnt FY: 03/23/2007 2007 **Enforcement Action:** Enforcement Category: **Enforcement Detail:** Fed Compliance achieved Resolving Violation ID: 060501423310072001 Orig Code: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Action:** Fed Compliance achieved Resolving **Enforcement Detail: Enforcement Category:**

Violation ID: 060501423310081991 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310081992 Orig Code: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310081996 Orig Code: Enforcement Action: 03/23/2007 Enforcemnt FY: 2007 Fed Compliance achieved **Enforcement Detail: Enforcement Category:** Resolving Violation ID: 060501423310081997 Orig Code: 03/23/2007 Enforcement Action: Enforcemnt FY: 2007 Resolving **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Violation ID: 060501423310081998 Orig Code: Enforcemnt FY: 03/23/2007 2007 **Enforcement Action:** Fed Compliance achieved Enforcement Category: **Enforcement Detail:** Resolving Violation ID: 060501423310082001 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310091991 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310091992 Orig Code: R 03/23/2007 Enforcemnt FY: **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501423310091996 Orig Code: R Violation ID: Enforcemnt FY: Enforcement Action: 03/23/2007 **Enforcement Category: Enforcement Detail:** Fed Compliance achieved Resolving Violation ID: 060501423310091997 Orig Code: Enforcement Action: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310091998 Orig Code: 03/23/2007 Enforcemnt FY: **Enforcement Action:** 2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501423310092001 Orig Code: Enforcemnt FY: **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501424310032000 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501424310042002 Orig Code: Enforcemnt FY: 03/23/2007 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501424310092000 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501424310092007 Violation ID: Orig Code: Enforcemnt FY: 2010 **Enforcement Action:** 12/18/2009

Enforcement Detail: Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501425310041991 Orig Code: Enforcement Action: 03/23/2007 Enforcemnt FY: 2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501425310071996 Orig Code: Enforcemnt FY: 2007 **Enforcement Action:** 03/23/2007 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501451500011996 Violation ID: Orig Code: Enforcemnt FY: 2005 **Enforcement Action:** 02/04/2005 **Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501451500071996 Orig Code: R 01/21/2004 Enforcemnt FY: 2004 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501452500012009 Orig Code: 02/22/2011 Enforcemnt FY: 2011 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501452500012013 Violation ID: Orig Code: 10/29/2013 Enforcemnt FY: 2014 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving 060501471700072000 Violation ID: Orig Code: Enforcemnt FY: 08/21/2006 **Enforcement Action: Enforcement Detail:** Fed Compliance achieved **Enforcement Category:** Resolving Violation ID: 060501471700072001 Orig Code: Enforcemnt FY: 2006 **Enforcement Action:** 08/21/2006 **Enforcement Detail: Enforcement Category:** Resolving Fed Compliance achieved Violation ID: 060501471700072002 Orig Code: R 08/21/2006 Enforcemnt FY: **Enforcement Action:** Fed Compliance achieved **Enforcement Detail: Enforcement Category:** Resolving Violation ID: Not Reported Orig Code: R Enforcemnt FY: **Enforcement Action:** 03/31/2010 **Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported Violation ID: Not Reported Orig Code: 12/08/2009 Enforcemnt FY: 2010 **Enforcement Action: Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported Violation ID: Not Reported Orig Code: Enforcemnt FY: 2010 **Enforcement Action:** 08/12/2010 Fed Tech Assistance Visit **Enforcement Detail: Enforcement Category:** Not Reported Violation ID: Not Reported Orig Code: Enforcemnt FY: **Enforcement Action:** 02/17/2010 2010 **Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported Violation ID: Not Reported Orig Code: Enforcemnt FY: 02/12/2009 2009 **Enforcement Action:** Enforcement Category: **Enforcement Detail:** Fed Tech Assistance Visit Not Reported Violation ID: Not Reported Orig Code:

Enforcemnt FY:

Enforcement Detail:

2006

Fed Tech Assistance Visit

Enforcement Action:

Enforcement Category:

07/18/2006

Not Reported

Violation ID: Orig Code: Not Reported

Enforcemnt FY: **Enforcement Action:** 08/21/2006 **Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Not Reported Violation ID: Orig Code:

09/22/2011 Enforcemnt FY: 2011 **Enforcement Action: Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcement Action: 10/25/2012 Enforcemnt FY: 2013

Fed Tech Assistance Visit **Enforcement Detail: Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2014 **Enforcement Action:** 03/19/2014

Enforcement Detail: Fed Violation/Reminder Notice **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: **Enforcement Action:** 07/18/2005 2005 **Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

02/27/2006 Enforcemnt FY: 2006 **Enforcement Action:**

Fed Tech Assistance Visit **Enforcement Detail: Enforcement Category:** Not Reported

Violation ID: Not Reported Oria Code:

02/26/2010 Enforcemnt FY: 2010 **Enforcement Action:**

Fed Violation/Reminder Notice **Enforcement Detail:**

Enforcement Category: Not Reported

Violation ID: Not Reported Orig Code: Enforcemnt FY: 2011 **Enforcement Action:**

08/24/2011 **Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code: R

10/07/2009 Enforcemnt FY: 2010 **Enforcement Action:**

Fed Tech Assistance Visit **Enforcement Detail: Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: **Enforcement Action:** 07/01/2008

Enforcement Detail: Fed Violation/Reminder Notice

Enforcement Category: Not Reported

Not Reported

Enforcement Category:

Violation ID: Not Reported Oria Code:

Enforcemnt FY: **Enforcement Action:** 03/18/2009

Enforcement Detail: Fed Violation/Reminder Notice

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2014 **Enforcement Action:** 11/15/2013

Enforcement Detail: Fed Tech Assistance Visit Enforcement Category: Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: **Enforcement Action:** 09/02/2011

Enforcement Detail: Fed Tech Assistance Visit Enforcement Category: Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2009 **Enforcement Action:** 02/24/2009

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2006 **Enforcement Action:** 11/29/2005

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcement Action: 09/23/2010 Enforcemnt FY: 2010 Fed Tech Assistance Visit **Enforcement Detail: Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2012 **Enforcement Action:** 01/25/2012

Fed Tech Assistance Visit **Enforcement Detail: Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2008 **Enforcement Action:** 08/20/2008

Enforcement Detail: Fed Violation/Reminder Notice

Enforcement Category: Not Reported

Violation ID: Not Reported Orig Code: R

10/11/2012 Enforcemnt FY: 2013 **Enforcement Action: Enforcement Detail:** Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code: R

Enforcemnt FY: **Enforcement Action:** 11/14/2013 2014

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: **Enforcement Action:** 10/27/2009 2010

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2008 **Enforcement Action:** 08/07/2008

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

08/17/2006 Enforcemnt FY: Enforcement Action: 2006

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: **Enforcement Action:** 12/19/2007 2008

Fed Tech Assistance Visit **Enforcement Category: Enforcement Detail:** Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: 2009 **Enforcement Action:** 06/10/2009 Fed Tech Assistance Visit **Enforcement Detail:** Enforcement Category: Not Reported

Violation ID: Not Reported Orig Code:

Enforcemnt FY: **Enforcement Action:** 05/05/2010

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code: R

06/14/2006 Enforcemnt FY: **Enforcement Action:**

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

Violation ID: Not Reported Orig Code: R

05/01/2008 Enforcemnt FY: 2008 **Enforcement Action:**

Enforcement Detail: Fed Tech Assistance Visit **Enforcement Category:** Not Reported

PWS name: Yurok - Requa Population served: 46 Violation ID: 0371449 PWS type code:

Contaminant: **MERCURY** Violation type:

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

8/21/2006 0:00:00 Enforcement date: Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371450

Contaminant: SELENIUM Violation type: 3
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Violation measurement: Not Reported

Violation measurement:

Violation measurement:

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371451

PWS type code: C Violation ID: 0371451
Contaminant: ANTIMONY, TOTAL Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

Enforcement action:

Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371452

Contaminant: BERYLLIUM, TOTAL Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371453

Not Reported

Not Reported

Contaminant: THALLIUM, TOTAL Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 03714

PWS type code: C Violation ID: 0371460
Contaminant: CHROMIUM Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371469Contaminant:NITRATEViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 2/4/2005 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371486

PWS type code: C Violation ID: 03/1486

Contaminant: NITRATE Violation type: 3

Compliance start date: 1/1/2000 0:00:00 Compliance end date: 12/31/2000 0:00:00 Enforcement date: 2/4/2005 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371624Contaminant:7000Violation type:71

Compliance start date: 7/1/2002 0:00:00 Compliance end date: 8/21/2006 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement:

Not Reported

Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371637Contaminant:7000Violation type:71

Compliance start date: 7/1/2001 0:00:00 Compliance end date: 8/21/2006 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371649Contaminant:7000Violation type:71

Compliance start date: 7/1/2000 0:00:00 Compliance end date: 8/21/2006 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0372068

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 10/1/2001 0:00:00 Compliance end date: 10/31/2001 0:00:00
Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0372084

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)

Compliance start date: 8/1/2001 0:00:00 Compliance end date: 8/31/2001 0:00:00

Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0372086

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)

Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0372088

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR)

Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0372118

Contaminant: COLIFORM (TCR)

Violation type: Max Contaminant Level, Monthly (TCR)

Compliance start date: 8/1/2000 0:00:00 Compliance end date: 8/31/2000 0:00:00

Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0372138

Contaminant: COLIFORM (TCR)

Violation type: Max Contaminant Level, Monthly (TCR)

Compliance start date: 2/1/2000 0:00:00 Compliance end date: 2/29/2000 0:00:00

Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0503574Contaminant:NITRATEViolation type:3

Compliance start date: 1/1/2004 0:00:00 Compliance end date: 12/31/2004 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0605014034000102007

Contaminant: GROSS ALPHA, EXCL. RADON & U

Violation type: 3 Compliance start date: 10/1/2007 0:00:00

12/31/2007 0:00:00 No Enf Action as of Compliance end date: Enforcement date: Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported PWS name: Yurok - Requa Population served: 46 060501403400012008 PWS type code: Violation ID: Contaminant: GROSS ALPHA, EXCL. RADON & U Violation type: Compliance start date: 1/1/2008 0:00:00 Compliance end date: 3/31/2008 0:00:00 Enforcement date: No Enf Action as of 7/8/2009 0:00:00 Enforcement action: Violation measurement: Not Reported PWS name: Yurok - Requa Population served: PWS type code: Violation ID: 060501403400042008 Contaminant: GROSS ALPHA, EXCL. RADON & U Violation type: Compliance start date: 4/1/2008 0:00:00 3 6/30/2008 0:00:00 Enforcement date: No Enf Action as of Compliance end date: Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported PWS name: Population served: Yurok - Requa 46 Violation ID: 0605014034006102007 PWS type code: COMBINED URANIUM Contaminant: Violation type: 10/1/2007 0:00:00 Compliance end date: 12/31/2007 0:00:00 Compliance start date: Enforcement date: No Enf Action as of Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported PWS name: Yurok - Requa Population served: 46 PWS type code: Violation ID: 060501403400612008 COMBINED URANIUM Contaminant: Violation type: 1/1/2008 0:00:00 Compliance end date: 3/31/2008 0:00:00 Compliance start date: Enforcement date: No Enf Action as of Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported PWS name: Yurok - Requa Population served: 46 Violation ID: 060501403400642008 PWS type code: С COMBINED URANIUM Violation type: Contaminant: Compliance start date: 4/1/2008 0:00:00 Compliance end date: 6/30/2008 0:00:00 Enforcement date: No Enf Action as of Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported PWS name: Yurok - Requa Population served: PWS type code: Violation ID: 0605014034010102007 Contaminant: COMBINED RADIUM (-226 & -228) 10/1/2007 0:00:00 Violation type: Compliance start date: 12/31/2007 0:00:00 No Enf Action as of Compliance end date: Enforcement date: Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported PWS name: Yurok - Requa Population served: PWS type code: Violation ID: 060501403401012008 COMBINED RADIUM (-226 & -228) Contaminant: Violation type: Compliance start date: 1/1/2008 0:00:00 Compliance end date: 3/31/2008 0:00:00 Enforcement date: No Enf Action as of 7/8/2009 0:00:00 Enforcement action: Violation measurement: Not Reported PWS name: Yurok - Regua Population served: Violation ID: 060501403401042008 PWS type code: С Contaminant: COMBINED RADIUM (-226 & -228) 4/1/2008 0:00:00 Violation type: Compliance start date: 6/30/2008 0:00:00 Compliance end date: Enforcement date: No Enf Action as of Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported

PWS name:

Contaminant:

PWS type code:

Yurok - Requa

COMBINED RADIUM (-226 & -228)

46

060501403401072008

Population served:

Violation ID:

Violation type:

7/1/2008 0:00:00 Compliance start date: Compliance end date: 9/30/2008 0:00:00 Enforcement date: No Enf Action as of Enforcement action: 7/8/2009 0:00:00 Violation measurement: Not Reported

Violation ID:

Violation type:

Compliance end date:

Enforcement action:

060501424310092007

Fed Compliance Achieved

9/30/2007 0:00:00

7/8/2009 0:00:00

Monitoring, Routine Minor (TCR)

PWS name: Yurok - Requa Population served:

PWS type code:

Violation measurement:

Contaminant: COLIFORM (TCR) Compliance start date: 9/1/2007 0:00:00 No Enf Action as of Enforcement date: Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46 PWS type code: Violation ID: 9653071

LEAD & COPPER RULE Contaminant: Violation type: Initial Tap Sampling for Pb and Cu 1/1/1996 0:00:00 2/4/2005 0:00:00 Compliance start date: Compliance end date:

Enforcement date: 2/4/2005 0:00:00 Enforcement action: Violation measurement: Not Reported

Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: С Violation ID: 9653072

Contaminant: LEAD & COPPER RULE Violation type: Initial Tap Sampling for Pb and Cu Compliance start date: 7/1/1996 0:00:00 Compliance end date: 1/21/2004 0:00:00 Enforcement date: 1/21/2004 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name: Yurok - Requa Population served:

0200748 PWS type code: Violation ID:

COLIFORM (TCR) Violation type: Monitoring, Routine Minor (TCR) Contaminant: Compliance start date: 4/1/2002 0:00:00 Compliance end date: 4/30/2002 0:00:00

Fed Compliance Achieved 3/23/2007 0:00:00 Enforcement date: Enforcement action: Violation measurement: Not Reported

PWS name: Population served: Yurok - Requa 46

0300749 PWS type code: Violation ID:

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Major (TCR) Compliance start date: 11/1/2002 0:00:00 Compliance end date: 11/30/2002 0:00:00

3/23/2007 0:00:00 Enforcement date: Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: PWS type code: Violation ID: 0370503

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Minor (TCR)

9/1/2000 0:00:00 9/30/2000 0:00:00 Compliance end date: Compliance start date: Enforcement date: 3/23/2007 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46 0370504 PWS type code: Violation ID:

Contaminant: COLIFORM (TCR) Violation type: Monitoring, Routine Minor (TCR)

Compliance start date: 3/1/2000 0:00:00 Compliance end date: 3/31/2000 0:00:00 3/23/2007 0:00:00 Enforcement date: Fed Compliance Achieved

Enforcement action: Violation measurement: Not Reported

PWS name: Population served: Yurok - Requa 46 PWS type code: Violation ID: 0371081 Contaminant: **TOLUENE** Violation type:

1/1/2001 0:00:00 Compliance start date: Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Population served: Yurok - Requa 46 PWS type code: С Violation ID: 0371091

Contaminant: 1,1,1-TRICHLOROETHANE Violation type: 3

Not Reported

Violation measurement:

Violation measurement:

Violation measurement:

Violation measurement:

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0371092
Contaminant: 1,2,4-TRICHLOROBENZENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371093

Contaminant: CIS-1,2-DICHLOROETHYLENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371094

Contaminant: XYLENES, TOTAL Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0371095

Contaminant: METHYLENE CHLORIDE (DICHLOROMETHANE)

Not Reported

Not Reported

Not Reported

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0371096
Contaminant: O-DICHLOROBENZENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0371097
Contaminant: P-DICHLOROBENZENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371098

Contaminant: VINYL CHLORIDE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 5/41/2006 0:00:00 Enforcement action: 5/41/2006 0:00:00 Find Compliance Achieves

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371099

PWS type code: C Violation ID: 03/1099

Contaminant: 1,1-DICHLOROETHYLENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371100Contaminant:STYRENEViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371101

PWS type code: C Violation ID: 0371101
Contaminant: 1,2-DICHLOROETHANE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371102Contaminant:ETHYLBENZENEViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371103

Contaminant: CARBON TETRACHLORIDE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371104

Contaminant: 1,2-DICHLOROPROPANE Violation type: 3
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371105
Contaminant: TRICHLOROETHYLENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371106
Contaminant: 1,1,2-TRICHLOROETHANE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371107Contaminant:TETRACHLOROETHYLENEViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0371108

Contaminant: MONOCHLOROBENZENE (CHLOROBENZENE)

Violation type:3Compliance start date:1/1/2001 0:00:00Compliance end date:12/31/2001 0:00:00Enforcement date:8/21/2006 0:00:00Enforcement action:Fed Compliance AchievedViolation measurement:Not Reported

PWS name: Population served: 46 Yurok - Requa PWS type code: Violation ID: 0371109 Contaminant: BENZENE Violation type:

12/31/2001 0:00:00 Compliance start date: 1/1/2001 0:00:00 Compliance end date: 8/21/2006 0:00:00 Enforcement date: Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46 Violation ID: 0371111 PWS type code:

Contaminant: TRANS-1,2-DICHLOROETHYLENE

1/1/2001 0:00:00 Violation type: Compliance start date: Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Population served: Yurok - Requa 46 PWS type code: С Violation ID: 0371296 Contaminant: **ENDOTHALL** Violation type:

1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Compliance start date: 8/21/2006 0:00:00 Enforcement action: Enforcement date: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46 PWS type code: Violation ID: 0371299

DALAPON Contaminant: Violation type: Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46 0371300 PWS type code: Violation ID:

Contaminant: **TOXAPHENE** Violation type:

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Fed Compliance Achieved Enforcement action: Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46 PWS type code: С Violation ID: 0371301

Contaminant: **HEPTACHLOR** Violation type: 12/31/2001 0:00:00 Compliance start date: 1/1/2001 0:00:00 Compliance end date: Enforcement action: Enforcement date: 8/21/2006 0:00:00 Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Population served: Yurok - Requa 46 PWS type code: Violation ID: 0371302

Contaminant: **BHC-GAMMA (LINDANE)** Violation type: Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement action: 8/21/2006 0:00:00 Fed Compliance Achieved Enforcement date: Not Reported Violation measurement:

PWS name: Yurok - Requa Population served: 46 0371312 PWS type code: С Violation ID: **ENDRIN** Contaminant: Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 8/21/2006 0:00:00 Fed Compliance Achieved Enforcement date: Enforcement action:

Violation measurement: Not Reported PWS name: Population served: 46

Yurok - Requa PWS type code: Violation ID: 0371330 C

Contaminant: **GLYPHOSATE** Violation type:

12/31/2001 0:00:00 Compliance start date: 1/1/2001 0:00:00 Compliance end date: 8/21/2006 0:00:00 Enforcement action: Enforcement date: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371346Contaminant:DIQUATViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371376

Contaminant: HEXACHLOROCYCLOPENTADIENE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371378
Contaminant: HEPTACHLOR EPOXIDE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371380

Contaminant: 2,3,7,8-TCDD (DIOXIN) Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371381

Contaminant: ALACHLOR (LASSO) Violation type: 3
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371382

Contaminant:2,4,5-TP (SILVEX)Violation type:3Compliance start date:1/1/2001 0:00:00Compliance end date:12/31/2001 0:00:00Enforcement date:8/21/2006 0:00:00Enforcement action:Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371383

Not Reported

Violation measurement:

Contaminant: CARBOFURAN Violation type: 3

Compliance start date: 1/1/2001 0:00:00

Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371384Contaminant:HEXACHLOROBENZENE (HCB)Violation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

PWS type code: C Violation ID: 0371385
Contaminant: DINOSEB Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

Enforcement action:

Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371386
Contaminant: Violation type: 3

Contaminant: PICLORAM Violation type: 3
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00
Violation measurement: Not Reported

Violation measurement:

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371387

PWS type code: C Violation ID: 037138
Contaminant: DI (2-ETHYLHEXYL) PHTHALATE

Violation type: 3 Compliance start date: 1/1/2001 0:00:00

Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00

Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371389

Contaminant: OXAMYL (VYDATE) Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/200

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46

Not Reported

PWS type code: C Violation ID: 0371390
Contaminant: DI (2-ETHYLHEXYL) ADIPATE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371391

Contaminant: ATRAZINE Violation type: 3
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371398Contaminant:2,4-DViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371401Contaminant:CHLORDANEViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: Violation ID: 0371402

Contaminant: ETHYLENE DIBROMIDE (EDB) Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371403

Contaminant: 1,2 DIBROMO-3-CHLOROPROPANE (DBCP)

Violation type:3Compliance start date:1/1/2001 0:00:00Compliance end date:12/31/2001 0:00:00Enforcement date:8/21/2006 0:00:00Enforcement action:Fed Compliance AchievedViolation measurement:Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371404

Contaminant: TOTAL POLYCHLORINATED BIPHENYLS (PCB)

Violation type:3Compliance start date:1/1/2001 0:00:00Compliance end date:12/31/2001 0:00:00Enforcement date:8/21/2006 0:00:00Enforcement action:Fed Compliance AchievedViolation measurement:Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371405Contaminant:PENTACHLOROPHENOLViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371406Contaminant:BENZO (A) PYRENEViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371435

Contaminant: FLUORIDE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved
Violation measurement: Not Reported

PWS name: Yurok - Regua Population served: 46

PWS type code: C Violation ID: 0371443
Contaminant: ARSENIC Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371444
Contaminant: BARIUM Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

PWS name:Yurok - RequaPopulation served:46PWS type code:CViolation ID:0371445Contaminant:CADMIUMViolation type:3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00 Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved

Violation measurement: Not Reported

PWS name: Yurok - Requa Population served: 46
PWS type code: C Violation ID: 0371447

Contaminant: CYANIDE Violation type: 3

Compliance start date: 1/1/2001 0:00:00 Compliance end date: 12/31/2001 0:00:00

Enforcement date: 8/21/2006 0:00:00 Enforcement action: Fed Compliance Achieved Violation measurement: Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number

3 South CA WELLS 11201 1/8 - 1/4 Mile

Lower

Seq: 11201 Prim sta c: 13N/01E-10K02 H

 Frds no:
 0800548001
 County:
 08

 District:
 01
 User id:
 ATT

 System no:
 0800548
 Water type:
 G

Source nam: WELL 02 Station ty: WELL/AMBNT/MUN/INTAKE

Latitude: 413132.0 Longitude: 1240218.0

Precision: 3 Status: AR

Comment 1: 2 WELLS. WELL 02 WAS SAMPLED & IS MOST NORTHERLY. TAKE TERWER VALLEY
Comment 2: TURN OFF OF HWY 101 @ S END OF TOWN OF KLAMATH. GO UNDER HWY PAST KLAM
Comment 3: ATH CAMPER CORRAL ON CHAPMAN WY UNTIL RD DEADENDS AT A FIELD. WELLS
Comment 4: ARE 2 CONCRETE BOXES IN NEXT FIELD TO THE NORTH. GLEN STRAWN (707)

Comment 5: 482-5461 IS THE INSPECTION. Comment 6: Not Reported

Comment 7: Not Reported

System no: 0800548 System nam: KLAMATH CSD Hqname: Not Reported Address: Not Reported City: Not Reported State: Not Reported Not Reported Zip ext: Not Reported Zip:

Pop serv: 46 Connection: 0

Area serve: Not Reported

4 South CA WELLS 11204

1/4 - 1/2 Mile Lower

Seq: 11204 Prim sta c: 13N/01E-15B01 H

 Frds no:
 0800615001
 County:
 08

 District:
 01
 User id:
 ATT

 System no:
 0800615
 Water type:
 G

Source nam: WELL 01 - PRIMARY Station ty: WELL/AMBNT/MUM/INTAKE

 Latitude:
 413121.0
 Longitude:
 1240215.0

 Precision:
 3
 Status:
 AR

Comment 1: TAKE HWY 169 TURN OFF FROM HWY 101 IN KLAMATH. GO RIGHT AT STOP SIGN.
Comment 2: WAELL IS AHEAD THROUGH PARK ENTRANCE BEHIND POWER POLE AT ROW OF TREES

Comment 3: Not Reported Comment 4: Not Reported Comment 5: Not Reported Comment 6: Not Reported

Comment 7: Not Reported

System no: 0800615 System nam: Klamath Camper Corral

Hqname: Not Reported Address: P.O. BOX 729

City: KLAMATH State: CA

Zip: 95548 Zip ext: Not Reported

Pop serv: 246 Connection: 102

Area serve: Not Reported

 Sample date:
 24-APR-17
 Finding:
 1.2

 Chemical:
 NITRATE (AS N)
 Report units:
 MG/L

Dlr: 0.4

Sample date: 24-APR-17 Finding: 1.2 Chemical: NITRATE + NITRITE (AS N) Report units: MG/L

DIr: 0.4

22-OCT-15 Sample date: 1.6 Finding: Report units: Chemical: NITRATE (AS N) MG/L

DIr:

Sample date: 24-MAY-12 Finding: 5. Chemical: NITRATE (AS NO3) Report units: MG/L

DIr:

SE 1/2 - 1 Mile **CA WELLS** 11203

Higher

Seq: 11203 Prim sta c: 13N/01E-14D02 H

0800740001 Frds no: County: 80 District: 38 User id: 08C 0800740 Water type: System no: G

WELL 01 Station ty: WELL/AMBNT/MUN/INTAKE Source nam:

Latitude: 413117.0 Longitude: 1240153.0 Precision: Status:

TAKE HWY 169 TURNOFF FROM HWY 101 AT KLAMATH. GO TOWARDS KLAMATH GLEN Comment 1:

WELL HOUSE IS ON RT SIDE OF HWY @ 200 YRDS PAST MOBILE STATION AND Comment 2:

ACROSS FROM TRAVEL THROUGH TREE OFFICE. Comment 3:

Comment 5: Comment 4: Not Reported Not Reported Comment 6: Not Reported Comment 7: Not Reported

HAROLD DEL PONTE 0800740 System no: System nam:

Hqname: Not Reported Address: Not Reported Not Reported City: State: Not Reported Not Reported Zip ext: Not Reported Zip:

Pop serv: Connection:

Area serve: Not Reported

ŠSW **CA WELLS** 11206

1/2 - 1 Mile Higher

> Seq: 11206 Prim sta c: 13N/01E-15R01 H

0810800002 Frds no: County: 80 District: User id: 01 **ATT** Water type: System no: 0810800 G

Source nam: RIVER WELL - FILTERED & CHLORINATEDStation ty: WELL/AMBNT/MUN/INTAKE

Latitude: 413110.0 Longitude: 1240228.0 Precision: Status: AT

Comment 1: Not Reported Comment 2: Not Reported Comment 3: Not Reported Comment 4: Not Reported Comment 5: Not Reported Comment 6: Not Reported

Not Reported Comment 7:

ALDER CONSERVATION CAMP System no: 0810800 System nam:

Hqname: Not Reported Address: PO BOX 906 City: **KLAMATH** State: Not Reported Zip: 95548 Zip ext: Not Reported

Pop serv: 110 Connection:

Not Reported Area serve:

Map ID Direction Distance

Elevation Database EDR ID Number

South CA WELLS 11205

1/2 - 1 Mile Higher

Seq: 11205 Prim sta c: 13N/01E-15G01 H

 Frds no:
 0800632001
 County:
 08

 District:
 01
 User id:
 ATT

 System no:
 0800632
 Water type:
 G

Source nam: WELL 01 Station ty: WELL/AMBNT/MUN/INTAKE

Latitude: 413103.0 Longitude: 1240224.0

Precision: 3 Status: AR

Comment 1: AKA KLAMATH RV PARK. 1ST CAMPGROUND ON RIGHT SIDE OF KLALATH BEACH RD
Comment 2: AT MOUTH OF KLAMATH RIVER. CONTACT BILL DAVIES IN TRAILER AT TOP OF
Comment 3: HILL. 700 W. KLAMATH BEACH RD. Comment 4: Not Reported
Comment 5: Not Reported

Comment 7: Not Reported

System no: 0800632 System nam: KLAMATH RIVER RV PARK

Hqname: Not Reported Address: P.O. BOX 656

City: KLAMATH State: CA

Zip: 95548 Zip ext: Not Reported

Pop serv: 136 Connection: 72

Area serve: Not Reported

Sample date: 12-SEP-17 Finding: 1.4 Chemical: NITRATE (AS N) Report units: MG/L

Dlr: 0.4

Sample date: 02-JUN-15 Finding: 1500.
Chemical: NITRATE + NITRITE (AS N) Report units: MG/L

Dlr: 0.4

Sample date: 02-JUN-15 Finding: 6.5

Chemical: NITRATE (AS NO3) Report units: MG/L

Dlr: 2.

Sample date: 04-AUG-14 Finding: 910.
Chemical: NITRATE + NITRITE (AS N) Report units: MG/L

DIr: 0.4

Sample date: 04-AUG-14 Finding: 4.

Chemical: NITRATE (AS NO3) Report units: MG/L

Dlr: 2.

Sample date: 22-APR-13 Finding: 8. Chemical: NITRATE (AS NO3) Report units: MG/L

Dlr: 2.

Sample date: 22-APR-13 Finding: 1800.

Chemical: NITRATE + NITRITE (AS N) Report units: MG/L

Dlr: 0.4

Sample date: 02-APR-12 Finding: 2300.

Chemical: NITRATE + NITRITE (AS N) Report units: MG/L

DIr: 0.4

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
		
95548	2	0

Federal EPA Radon Zone for DEL NORTE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

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

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95548

Number of sites tested: 2

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Department of Fish and Wildlife

Telephone: 916-445-0411

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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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 Public Health

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.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

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.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558 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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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APPENDIX C EDR AND OTHER HISTORICAL AERIAL PHOTOGRAPHS





Klamath 101 Wells

Klamath APN 140-060-020 Klamath, CA 95548

Inquiry Number: 5726703.11

July 24, 2019

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

07/24/19

Site Name: Client Name:

Klamath 101 Wells Yurok Tribe

Klamath APN 140-060-020 190 Klamath Boulevard Klamath, CA 95548 Klarmath, CA 95548 EDR Inquiry # 5726703.11 Contact: Christine Cosby



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.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Acquisition Date: August 12, 1998	USGS/DOQQ
1993	1"=500'	Flight Date: January 01, 1993	USGS
1988	1"=500'	Flight Date: January 01, 1988	USGS
1978	1"=500'	Flight Date: August 19, 1978	USGS
1974	1"=500'	Flight Date: January 01, 1974	USGS
1964	1"=500'	Flight Date: June 22, 1964	USGS

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APPENDIX D HISTORIC TOPOGRAPHIC MAPS

Klamath 101 Wells Klamath APN 140-060-020 Klamath, CA 95548

Inquiry Number: 5726703.4

July 23, 2019

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

EDR Inquiry # 5726703.4

07/23/19

Site Name: Client Name:

Klamath 101 Wells Yurok Tribe

Klamath APN 140-060-020 190 Klamath Boulevard Klamath, CA 95548 Klarmath, CA 95548

EDR°

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Yurok Tribe were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Contact: Christine Cosby

lts:	Coordinates:	
NA	Latitude:	41.527459 41° 31' 39" North
Tribal Response/Brownfields	Longitude:	-124.039336 -124° 2' 22" West
·	UTM Zone:	Zone 10 North
	UTM X Meters:	413290.21
	UTM Y Meters:	4597834.14
	Elevation:	28.54' above sea level
	NA	NA Latitude: Tribal Response/Brownfields Longitude: UTM Zone: UTM X Meters: UTM Y Meters:

Maps Provided:

2012

1997

1966

1952

1947

1945 1929

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Requa 2012 7.5-minute, 24000

1997 Source Sheets



Requa 1997 7.5-minute, 24000 Aerial Photo Revised 1993

1966 Source Sheets



Requa 1966 7.5-minute, 24000 Aerial Photo Revised 1964

1952 Source Sheets



Klamath 1952 15-minute, 62500 Aerial Photo Revised 1942

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



KLAMATH 1947 15-minute, 50000

1945 Source Sheets

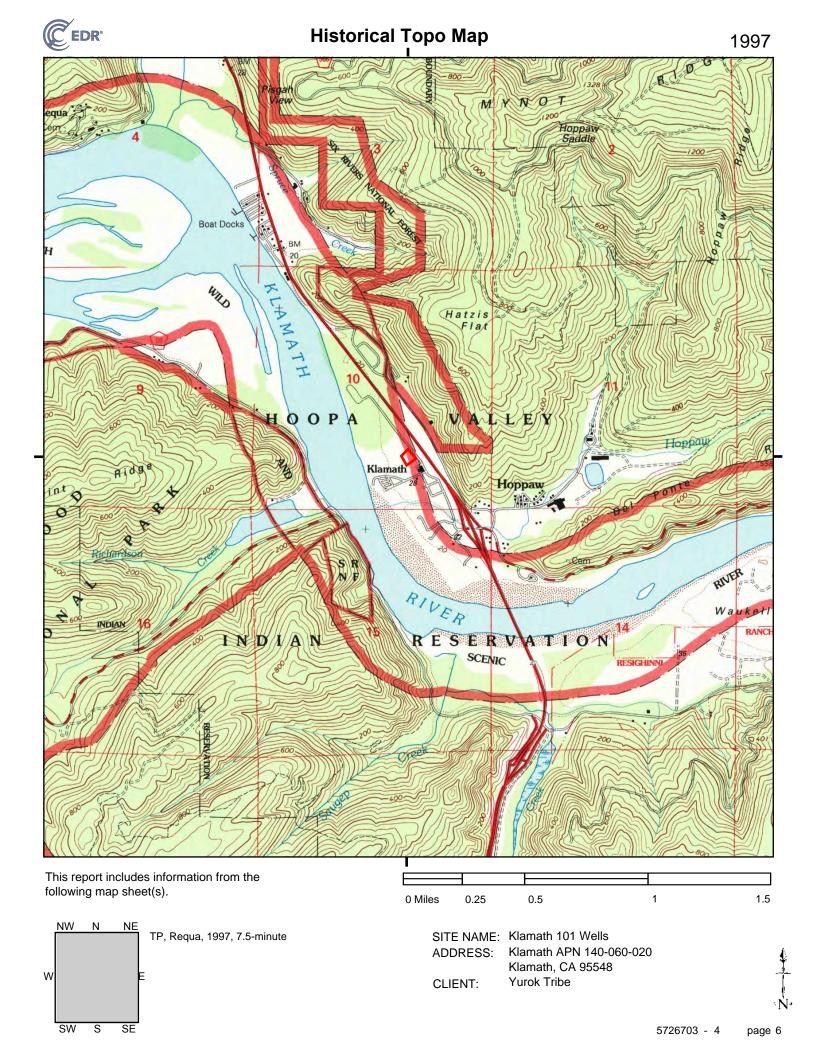


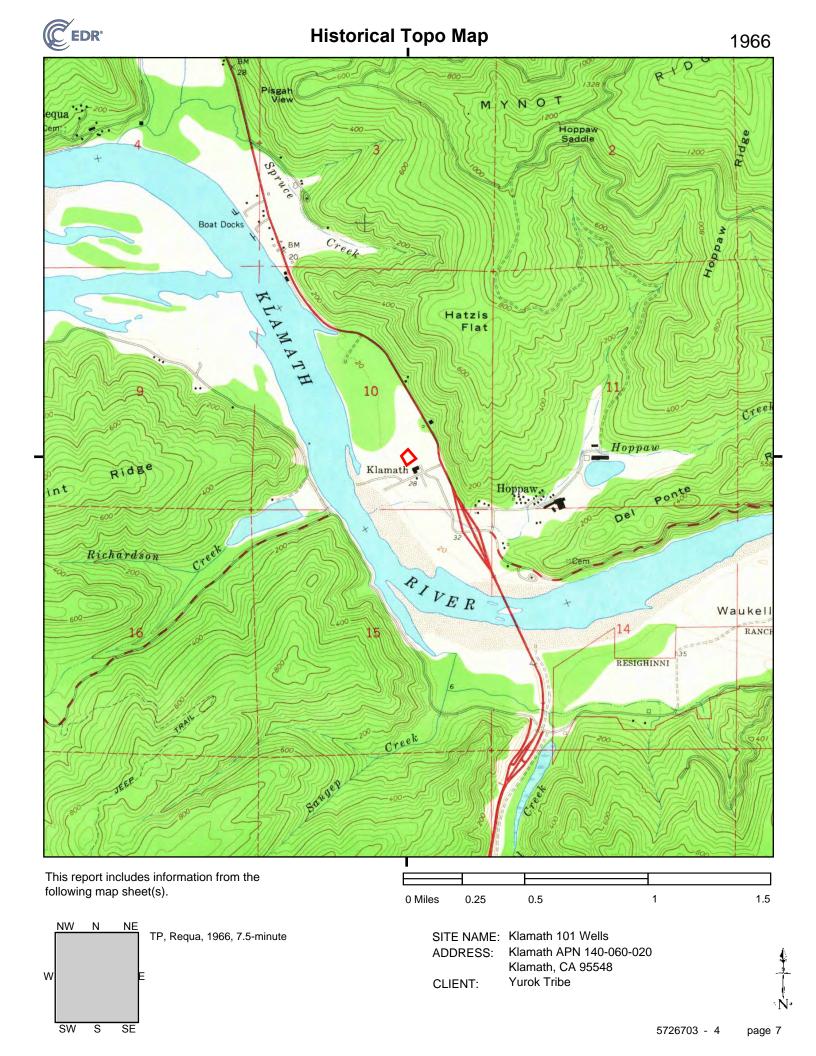
Requa 1945 15-minute, 62500 Aerial Photo Revised 1942

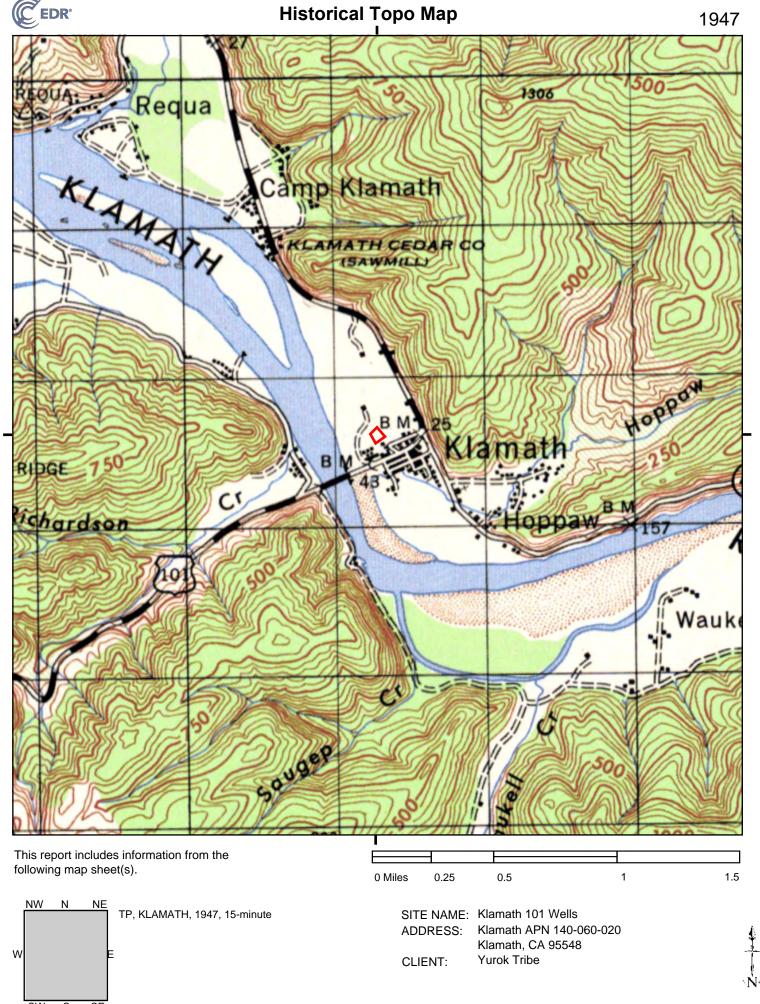
1929 Source Sheets



Crescent City 1929 30-minute, 125000







SITE NAME: Klamath 101 Wells

ADDRESS:

CLIENT:

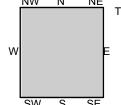
Klamath APN 140-060-020

Klamath, CA 95548 Yurok Tribe

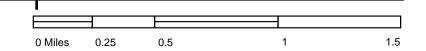
TP, Requa, 1945, 15-minute

5726703 - 4 page 10

This report includes information from the following map sheet(s).



TP, Crescent City, 1929, 30-minute



SITE NAME: Klamath 101 Wells

ADDRESS: Klamath APN 140-060-020

Klamath, CA 95548

CLIENT: Yurok Tribe



APPENDIX E EDR HISTORIC CITY DIRECTORY DOCUMENTATION

Klamath 101 Wells

Klamath APN 140-060-020 Klamath, CA 95548

Inquiry Number: 5726703.5

July 24, 2019

The EDR-City Directory Image Report



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Executive Summary

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City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

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

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2014	$\overline{\checkmark}$		EDR Digital Archive
2010	$\overline{\checkmark}$		EDR Digital Archive
2005	$\overline{\checkmark}$		EDR Digital Archive
2000	$\overline{\checkmark}$		EDR Digital Archive
1995			EDR Digital Archive
1992	$\overline{\checkmark}$		EDR Digital Archive
1985			Polk's City Directory
1980			Polk's City Directory
1975			Polk's City Directory
1971			Polk's City Directory
1967			Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

Klamath APN 140-060-020 Klamath, CA 95548

<u>Year</u>	CD Image	<u>Source</u>	
ALDER CAM	MP RD		
2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A3	EDR Digital Archive	
2000	pg A4	EDR Digital Archive	
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	pg A5	EDR Digital Archive	
1985	-	Polk's City Directory	Street not listed in Source
1980	-	Polk's City Directory	Street not listed in Source
1975	-	Polk's City Directory	Street not listed in Source
1971	-	Polk's City Directory	Street not listed in Source
1967	-	Polk's City Directory	Street not listed in Source

5726703-5 Page 2

FINDINGS

CROSS STREETS

No Cross Streets Identified

5726703-5 Page 3



Target Street Cross Street Source

→ EDR Digital Archive

1400	CONSERVATION CAMP CORRECTONS RHBLTATION CAL DEPT

Target Street Cross Street Source

- EDR Digital Archive

1400	CORRECTONS RHBLTATION CAL DEPT

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - EDR Digital Archive

1400	CORRECTIONS CALIFORNIA DEPT

Target Street Cross Street Source

- EDR Digital Archive

145	5 C	CATS LAZY RIVER RETREAT

Target Street Cross Street Source

- EDR Digital Archive

1400	MCGARVA, ANTHONY R

APPENDIX F SANBORN FIRE INSURANCE MAPS DOCUMENTATION

Klamath 101 Wells Klamath APN 140-060-020 Klamath, CA 95548

Inquiry Number: 5726703.3

July 23, 2019

Certified Sanborn® Map Report



Certified Sanborn® Map Report

07/23/19

Site Name: Client Name:

Klamath 101 Wells Yurok Tribe

Klamath APN 140-060-020

Klamath, CA 95548

EDR Inquiry # 5726703.3

190 Klamath Boulevard

Klarmath, CA 95548

Contact: Christine Cosby

EDR°

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Yurok Tribe were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # C5C1-485C-B50D

PO# NA

Project Tribal Response/Brownfields

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: C5C1-485C-B50D

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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page 2

APPENDIX G SITE PHOTOGRAPHS





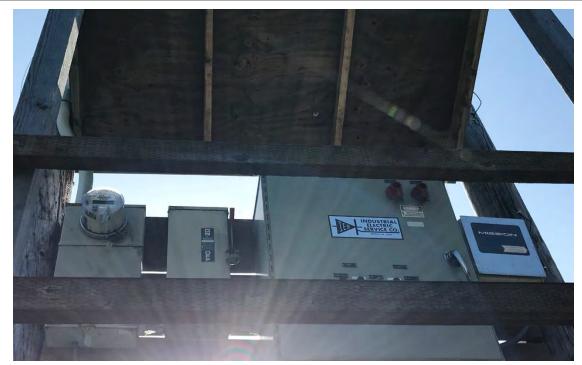
Summary: This shows the access to the Subject Property from Chapman Rd.Top: On Chapman Rd looking northwest towards Subject Property. Electrical Transmission Pole visible. Bottom: In front of 65 Chapman Rd looking at the entrance to the Subject Property.







Summary: These pictures show the three wells on the Subject Property. Top left: Test well with yellow cap and sanitary seal. Top Right: Concrete well casting right of electronics tower Bottom: Concrete well casting left of electronics tower.





Summary: These pictures show structures on the Subject Property described in section 5.2 and 5.4. Top: Interior of electrical tower on Subject Property showing housing for the well operation control switches. Bottom: Electrical housing tower with street address visible. The electronics were put into the tower after major flooding occurred in 2005.





Summary: These pictures show the PG&E Electrical Transmission pole adjacent to the Subject Property across Chapman Rd described in section 2.4 and 5.3. Top: Electrical pole looking east across Chapman Rd. Bottom: Close up of PG&E Electrical Transmission pole with double transformer.

Figure 11 Electrical Transmission Pole with double transformer adjacent to Subject Property





Summary: These pictures show the US Brownfields Phase I site "Old Townsite 1" located 300 ft (0.056 mi) south-southeast of the Subject Property Top: Concrete slab leftover from the former commercial automotive filling and service station. Bottom: At the corner of 101 Alder Camp Rd and Chapman Rd, looking north-northwest towards the Subject Property.

APPENDIX H EDR ENVIRONMENTAL LIEN SEARCH REPORT

KLAMATH 101 WELLS KLAMATH KLAMATH, CA 95548

Inquiry Number: 5726703.7S

JULY 29, 2019

EDR Environmental Lien and AUL Search



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

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

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

Thank you for your business.

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

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TARGET PROPERTY INFORMATION

ADDRESS

KLAMATH 101 WELLS

KLAMATH

KLAMATH, CA 95548

RESEARCH SOURCE

Source 1: DEL NORTE COUNTY RECORDER'S OFFICE

Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: GRANT DEED

Title is vested in: KLAMATH COMMUNITY SERVICES DISTRICT

Title received from: LARA LOUISE FAUSEY

Date Executed: 10/28/2002

Date Recorded: 11/19/2002

Book: NA
Page: NA
Volume: NA
Instrument#: 20026778
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

Legal Description: AS RECORDED IN THE DEED ATTACHED.

Current Owner: KLAMATH COMMUNITY SERVICES DISTRICT

Property Identifiers: 140-060-020-000

Comments: NA

ENVIRONMENTAL LIEN

Environmental Lien:	Found	Not Found	X
If Found:			
1st Party:	NA		
2 nd Party:	NA		
Dated:	NA		
Recorded:	NA		
Book:	NA		
Page:	NA		
Docket:	NA		
Volume:	NA		
Instrument #:	NA		
Comments:	NA		
Miscellaneous:	NA		

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Not Found X Found Other AUL's: If Found: 1st Party: NA 2nd Party: NA NA Dated: Recorded: NA Book: NA Page: NA Docket: NA Volume: NA Instrument #: NA Comments: NA

NA

Miscellaneous:

MISCELLANEOUS

Type of Instrument: NONE IDENTIFIED

First Party:
Second Party:
Date Executed:
Date Recorded:
Instrument #:
Book:
Page:

Comments:

DEED EXHIBIT

Order No. Escrow No. Loan No. WHEN RECORDED MAIL TO: KLAMATH COMMUNITY SERVICES P.O. BOX 430 KLAMATH, CA 95548		Doc # 20026778 Page 1 of 3 Date: 11/19/2002 01:57P Filed by: DEL NORTE CO TITLE Filed & Recorded in Official Records of COUNTY OF DEL NORTE VICKI L. FRAZIER COUNTY CLERK-RECORDER Fee: \$13.00				
\ ⁽¹⁾		SPACE ABOVE THIS LINE FOR RECORDER'S USE				
MAIL TAX STATEMENTS TO: SAME AS ABOVE	i	DOCUMENTARY TRANSFER TAX \$NO CONSIDERATION Computed on the consideration or value of property conveyed; OR Computed on the consideration or value less liens or encumbrances remaining at time of sale.				
		The undersigned Grantor declares Signature of Declarant or Agent determining tax - Firm Name				
APN: 140-060-19	GRANT D	EED				
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,						
LORA LOUISE FAUSEY						
hereby GRANT(S) to						
KLAMATH COMMUNITY SERVICES DISTRICT, a public body, corporate and public						
the real property in the City of County of	UNINCORPORATED AREA DEL NORTE , State of California, described					
as SEE DESCRIPTION ATTACI	HED HERETO	AND MADE A PART HEREOF				
Dated October 28, 2002		Low Lourse Found				
	}	LORA LOUISE FAUSEY				
STATE OF CALIFORNIA COUNTY OF DEL WULTE	}ss. } —	•				
on November 15, 2002 me, Lori N Richardson Wot personally appeared Lora Louise Fausey	before					
personally known to me (or proved to me on the basis of evidence) to be the person(s) whose name(s) (s/are substitution within instrument and acknowledged to me that helpholysame in higher/their authorized capacity(ies), and that by signature(s) on the instrument the person(s) or the entity unwhich the person(s) acted, executed the instrument. WITNESS my hand and official seal.	cribed to the executed the hisher/their	LORI N. RICHARDSON COMM. #1275885 NOTARY PUBLIC • CALIFORNIA OF DEL MORTE COUNTY My Comm. Expires Sept. 30, 2004				

1/

7)'

EXHIBIT "A"

Real Property Boundary Adjustment Description Fausey to Klamath Community Services District

That real property in the County of Del Norte, State of California, described as follows:

Beginning at a point marked by a 5/8" diameter by 24" long steel rebar with a 2" diameter aluminum survey cap marked "Richard B. Davis Co. Point – LS OR 827 – CA 3340", said point being North 60 degrees 15 minutes 40 seconds West a distance of 2128.34 feet (equals North 61 degrees 35 minutes 11 seconds True Meridian) from the Southeast corner of Section 10, Township 13 North, Range 1 East, Humboldt Meridian, and running:

- 1. Thence North 35° 55' 20" West a distance of 240.00 feet to a point marked identically to the point of beginning:
- 2. Thence North 54° 04' 40" East a distance of 200.00 feet to a point marked identically to the point of beginning, said point being on the West line of Chapman Road as said road is shown on Record of Survey for Klamath Community Services District by Richard B. Davis, said map to be filed concurrently with this description;
- 3. Thence South 35° 55' 20" East along Chapman Road a distance of 240.00 feet to a point marked identically to the point of beginning;
- 4. Thence South 54° 04' 40" West a distance of 200.00 feet to the Point of Beginning.

CONTAINING 1.102 acres.

The bearings contained in this description are based on the California Coordinate System, Zone 1, grid bearings. To obtain bearings based on the True Meridian, rotate the bearings contained herein to the left (counter-clockwise) by 01° 19' 31".

This description reflects the completion of a boundary adjustment approved by the Del Norte County Planning Department under application AB0208C. The area to be adjusted is merged with and into the receiving parcel.

CALIFORNIA Em 15:30.04

CERTIFICATE OF ACCEPTANCE

THIS IS TO CERTIFY THAT THE INTEREST IN REAL PROPERTY CONVEYED BY THE GRANT DEED DATED OCTOBER 28, 2002 FROM LORA LOUISE FAUSEY TO THE KLAMATH COMMUNITY SERVICES DISTRICT, a public body, corporate and public IS HEREBY ACCEPTED BY GARY JAMES TAYLOR, PRESIDENT, BOARD OF DIRECTORS ON NOVEMBER 18, 2002, AND THE GRANTEE CONSENTS TO RECORDATION THEREOF BY ITS DULY AUTHORIZED OFFICER.

DATED: Nov. 19. 2002

KLAMATH COMMUNITY SERVICES DISTRICT

GARY JAMES TAYLOR

PRESIDENT BOARD OF DIRECTORS

APPENDIX I QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

CHRISTINE N. COSBY

15900 Hwy 101 N • Klamath, CA 95548 • (707) 482-1822 ext 1004 • ccosby@yuroktribe.nsn.us

EDUCATION

SUL ROSS STATE UNIVERSITY, College of Agricultural and Natural Resource Sciences Bachelor of Science in Natural Resource Management—Conservation Biology Concentration

Alpine, Texas
August 2015

Related coursework:

Rangeland Watershed and Hydrology Range Inventory and Analysis Remote Sensing Interdisciplinary GIS Forest Ecology Soil Science

EXPERIENCE

YUROK TRIBE ENVIRONMENTAL PROGRAM

Environmental Specialist

Klamath, California March 2017-Present

- Environmental Specialist for US EPA National Center for Environmental Research (NCER), Science to Achieve Results (STAR) grant: Identifying, Assessing and Adapting to Climate Change Impacts to Yurok Water and Aquatic Resources, Food Security and Tribal Health
- Collects baseline water quality data on Klamath River tributaries within the Yurok Reservation through the expansion of the YTEP water monitoring network
- Monthly data collection, analysis and reporting of mussels (shellfish) for occurrence of toxins associated with Paralytic Shellfish Poisoning (PSP) and Amnesic shellfish poisoning (ASP) at Yurok ancestral harvesting sites
- Identifies EPA Brownfields sites and conducts Phase I Environmental Site Assessments in support of the Yurok Tribal Response Program
- Collected monthly water grab samples and SPATT (passive samplers) at estuary, slough, and ocean sites for NOAA MERHAB grant: Improving tools for monitoring multiple Harmful Algal Blooms (HAB) toxins at the land-Sea Interface in Coastal California
- Assists in annual benthic macro-invertebrate and physical habitat surveys following California statewide protocol (SWAMP)
- Environmental Site Assessments for Operation Yurok: annual action that aims to eliminate illegal marijuana growing on and near the reservation through a cooperative effort with Yurok Tribe Environmental Program, Yurok Public Safety Department, Bureau of Indian Affairs Law Enforcement Division, and the California National Guard Counterdrug Taskforce
- Specialist for EPA Tribal Wetland Program Development Grant 2017-2018: Freshwater Wetlands; including, water quality monitoring, amphibian prevalence studies through eDNA technology, macroinvertebrate sampling, inventorying, mapping, and assessing high-elevation wetlands

THOMAS GAST & ASSOCIATES ENVIRONMENTAL CONSULTANTS Contract Technician

Arcata, California August 2016-March 2017

- Provided field support for TGAEC projects on an as-needed contract basis
- Stream flow measurements for Eel River Valley Groundwater Basin Assessment Project
- Electrofishing and netting (Fish Rescue Team) for Carmel River Reroute & San Clemente Dam Removal weir repair diversion and de-watering project
- Maintained and implemented quality control measures for all data collection and management
- Operated and maintained Gurley Pygmy and Price AA current meters for measuring flow
- Recognized instrument performance issues and troubleshot in and/or out of the field
- Quickly adapted to new project environments and requirements

EXPERIENCE CONTINUED

WATERSHED STEWARDS PROGRAM

Placed at the Yurok Tribe Environmental Program - Water Division

Klamath, California October 2015-August 2016

- Water quality and quantity data collection, entry, and management
- Water quality sampling and monitoring following an EPA approved Quality Assurance Project Plan
- Installing, testing, and maintaining of 10 hydrologic and water quality monitoring stations on main stem Klamath River and selected tributaries throughout lower Klamath Basin
- Measuring streamflow, stage, dissolved oxygen, pH, temperature, specific conductivity, turbidity, suspended solids
- Monitoring flow conditions for all stream gaging sites operated by Yurok Tribe Environmental Program
- Troubleshooting equipment in and out of the field using resourcefulness and analytical problem solving
- Participating in spawner ground surveys and adult salmonid snorkel surveys to record annual occurrence, relative abundance, and distribution
- Benthic macroinvertebrate collection following California statewide protocol (SWAMP)
- Assisting in the collection of water temperature data for EPA STAR grant
- Collecting bacterial samples following environmental program protocol and transporting to laboratory
- Working in remote settings with steep and rough terrain carrying packs of heavy equipment
- Bi-monthly maintenance and calibration of data sondes
- Performing database entry and analysis to be used in annual water quality reports
- Conducting weekly safety meetings and job hazard analysis for all volunteer events
- Compiling data and contributing to annual macroinvertebrate report
- Sampling nutrients, phytoplankton, periphyic species, and microcystin toxicity
- Mentoring and training volunteers in watershed science, including measuring streamflow and water quality
- Communicating effectively and respectfully with coworkers, tribal members, and general public
- Planning and leading watershed restoration events in the community
- Teaching watershed and salmonid curriculum in local tribal schools

SUL ROSS STATE UNIVERSITY/ RIO GRANDE RESEARCH CENTER

Alpine, Texas

Undergraduate Research Assistant

October 2012-August 2015

- Research support for Rio Grande River Basin USDA Sustainable Agricultural Freshwater Conservation grant
- Research and data collection support for graduate studies
- Collection of water quality and quantity data in sensitive spring and river ecosystems
- Conducted spring assessments following Northern Arizona Spring Stewardship Institute Springs Inventory Protocol
- Spring sampling -whole water chemistry, and isotopes
- River sampling- whole water chemistry and hydrology in support of TCEQ Texas Clean Rivers Program
- Conducted comprehensive spring assessments as undergraduate research "Inventory and Monitoring of Springs and Water-dependent Ecosystems in Big Bend Ranch State Park"
- Macroinvertebrate sampling following Big Bend National Parks monitoring protocol
- Attended spring inventory and monitoring workshops and webinars
- Event planning and management of outreach events for grant deliverables
- Management of volunteers for Annual Rio Grande River Cleanup

EXPERIENCE CONTINUED

TEXAS PARKS AND WILDLIFE/ BIG BEND RANCH STATE PARK

Presidio, Texas

October 2010-September 2012

Administrative Assistant II

- Managed the front desk and provided excellent costumer service while multi-tasking on-phone and in-person visitors
- Educated visitors in the cultural and natural resources of the park and the "leave no trace" practice
- Assisted in daily business operations including computerized registration and fee collection, issuing permits
 and licenses, answering telephones, and providing information and assistance to park visitors and general
 public
- Performed clerical duties such as accounting, typing, filing, record keeping, and data entry
- Completed weekly, monthly, quarterly and annual reports on-schedule as required by the Big Bend Regional Office and TPWD Austin Headquarters
- Processed and distributed incoming and outgoing mail and prepared correspondence on park related matters
- Trained employees and volunteers in all facets of office and headquarters operations, orders, and inventories
- Performed trail maintenance in compliance with TPWD regulations and ethical trail building guidelines
- Assisted in coordinating large-scale annual volunteer events

EQUIPMENT SOFTWARE

- AquaCalc
- Gurley Pygmy and Price-AA current meters
- YSI EXO, 6-Series, and 556 multi-parameter sondes
- Halltech Aquatic Research backpack electrofisher
- WaterLOG XL series data loggers
- Auto level and stadia rod
- ISCO Sediment Sampler
- DTS-12 Digital Turbidity Sensor
- SonTek FlowTracker velocimeter
- Trimble handheld and receiver

- Adobe Acrobat
- Adobe Illustrator
- Adobe Photoshop
- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- ArcMap
- GPS Pathfinder
- WinRiver
- River Surveyor

CERTIFICATIONS

NORTHERN CALIFORNIA SAFETY CONSORTIUM

40 Hr Hazardous Waste Operations and Emergency Response

McKinleyville, California April 2018-April 2019

Fortuna, California October 2015-October 2017

RESCUE 3 INTERNATIONAL

Stream Rescue American CPR & First Aid Wilderness First Aid

SUZANNE M FLUHARTY

2235 Jay Street fluhartysm@gmail.com Arcata, CA 95521 541.760.0480

EDUCATION

•	Doctorate of Philosophy in Environmental Sciences Oregon State University, College of Science Majors: Applied Anthropology; Botany and Plant Pathology	2008
•	Masters of Arts in Interdisciplinary Studies Oregon State University, Graduate College	2003
•	Majors: Applied Anthropology; Botany and Plant Pathology; Speech Communica Bachelors of Arts, cum laude in Liberal Studies Oregon State University, Liberal Arts College Minor in Speech Communication	2000
JC	DB RELATED TRAINING	
•	Incident Command System 100, 200, 300, 400, 700, 800 Federal Emergency Management Institute	2014
•	Natural Resource Damage Assessment Northwest Environmental Training Center	2014
•	Hazardous Waste Operations and Emergency Response Trained Northern California Safety Consortium	2011, 2012, 2013
•	Linking Nutrient Pollution & HABs: State of the Science & EPA Actions U.S. EPA Watershed Academy	2013
•	Phase I & Phase II Environmental Site Assessments ASTM International Technical & Professional Training	2013
•	US EPA Tribal Pesticide Inspector Workshop Inter Tribal Council of Arizona, Inc and USEPA Region Nine	2011, 2012
•	ESRI ArcGIS Certified- 121 Training Hours	2010 - 2013
•	Sexual Harassment/Supervisor Development I &II/Policies, Procedures, & Form Cultural diversity, Awareness & Sensitivity/	IS/
	Yurok Tribe Human Resource Trainings	2010 - 2011
•	Wetland Permitting	March 2000
•	Portland State University School of Extended Studies/ Continuing Ed. Issues Framing and Moderator Training Workshops Portland Community College and Oregon State University Extension Service	August 1999

ORGANIZATIONS & COMMITTEES

• National Tribal Toxics Council- US EPA Region 9 Representative

Advances toxics management policies and programs, consistent with the needs, interests, and unique legal status of American Indian Tribes, Alaska Natives, and Native Hawaiians

Regional Tribal Operations Committee Pesticide Workgroup- Member

Assists EPA in meeting trust responsibility, strengthening Tribal environmental and public health programs, and enhancing responsiveness by information exchange between Tribes and EPA

Watershed Stewards Project (WSP)- Advisory Board Member

Works to conserve, restore, and enhance anadromous watersheds for future generations by linking education with high quality scientific practices; CA Conservation Corps & AmeriCorps

- Klamath Fish Health Assessment Team (KFHAT)- Fish Kill Response Team Member Provides early warning and coordinated response to a non-hazardous materials fish kill event in the anadramous portion of the Klamath River basin.
- Yurok Land Management GIS Workgroup -2010 Participant Member Facilitates GIS capabilities within the Yurok Tribe, use of the comprehensive Yurok GISDatabase, and knowledge of the new and ever advancing Geospatial Technologies.

PROFESSIONAL EXPERIENCE

Environmental Specialist Yurok Tribe

2009 - current

- *Co-Principal Investigator and Project Field manager of U.S. Environmental Protection Agency, National Center for Environmental Research Science to Achieve Results Grant # RD-83370801-0.
- *Oversees all aspects of collection, processing, and analysis of field samples up to transport to the appropriate laboratory in order to meet grant objectives.
- *Responsible for communication and coordination between Yurok Tribal council, research partners at Humbolt State University, California Tribal Epidemiology Center, California Department of Fish & Game, Fish and Wildlife Water Pollution Control Laboratory, staff, and the tribal community.
- *Assists with the environmental monitoring and research for resource management, population dynamics, pesticides, toxicology, and risk assessment.
- *Maintains and updates tribal GIS database on pesticide applications and monitoring within the Yurok Indian Reservation; preparing community notices and providing other educational materials as necessary.

Ethnobotanist Coquille Indian Tribe

2002 - 2009

- *Completed botanical surveys and environmental inventories.
- *Formed management recommendations for maintenance, re-introduction, and restoration of important traditional plant species and habitats.
- *Mediated collaboration to achieve pragmatic goals incorporating both specific cultural and economic tribal needs within Bureau of Land Management mandates.
- * Participated in meetings across Tribal departments and with partnered federal agencies that included cultural, economic, and physical feasibilities for various forestry and natural resource plans.

Instructor

Linn-Benton Community College

Science and Technology Division

9/2007 - 6/2009

*Lecture and laboratory for General Biology 101; emphasis on development of scientific theories of evolution and classification of life on Earth; morphological adaptation of structures and functionality.

Arts & Communication Division

9/2003 - 6/2004

*Public Speaking and Interpersonal Communication courses

Oregon State University

Mark Hatfield Marine Science Center

Summer 2006

- *Co-taught seminar course in Native American Estuarine Resources
- *Consulted with Confederated Tribes of Siletz to develop course materials and appropriate interpretation of historic material culture.

Anthropology Department /Extended Campus

9/2005 - 6/2006

- *Designed and taught on-line course Natural Resources and Community Values; environmental communication and interactions were examined.
- *Case studies drawn from stakeholder/government agency use and management of public lands

Biology Department (GTA)

2004 - 2007

- *Laboratory for Biology 200 series for science majors
- *Laboratory for Biology 100 series for non-majors; focus on evolutionary relationships.

Speech Department

2000 - 2002

- *Instructed Public Speaking
- *Focus on intercultural competence, finding and keeping speakers' ethnic voice while meeting academic and professional standards

PAPERS/ PRESENTATIONS

Cummulative Assessments and Tribal Subsistence 2010 Paper co-authored with Dr. Kathleen Sloan. Presented at National Tribal Science Forum. National EPA-Tribal Science Council and the Grand Traverse Band of Ottawa and Chippewa Indians.

Practical Applications for Botanical Education in Native American Traditional Ecological Knowledge. Paper presented. Society of Economic Botany 49th Annual Meeting. Duke University, Durham, NC. 2008

One Tribe and Its Environment: What can an investigation of culture add to resource planning? Paper presented. Crossing Boundaries: The 9th Annual Environmental Joint Campus Conference. University of Oregon

2007

2006

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

SELECT PUBLICATIONS

- Environmental History of Euphoria Ridge: A Case Study of Ethnobotany in Traditional Resource Management. 2007. PhD Dissertation. Environmental Sciences Program. Oregon State University. Documents 3 different cultures' traditional resource use across time at one site in Oregon's Southern Coast.
- Euphoria Ridge Cultural Plant Handbook. 2007. On file, Coquille Indian Tribe Cultural Resources Program, North Bend, Oregon.
- Indian Tobacco: A Review of the Botanical Literature. 2005. Report on file, Coquille Indian Tribe Cultural Resources Program, North Bend, Oregon.
- An Ethnobotanical Analysis of Basketry. 2003. Masters Thesis. Department of Applied Anthropology. Oregon State University.
- Coquille Tribal Land Parcel #7 Euphoria Ridge Cultural Resources Fieldwork and Botanical Survey. 2003. Report on file, Coquille Indian Tribe Cultural Resources Program, North Bend, Oregon.
- Tarheel Natural Area Botanical Survey. 2002. Report on file, Coquille Indian Tribe Cultural Resources Program, North Bend, Oregon.

COMMUNITY BACKGROUND/ HIGHLIGHTS

Volunteer, Committee Member

2006

Sustainable Forestry Partnership

*Coordinated and facilitated sessions of Discovery Seminar: Approaching Sustainability in Managed Forests. Sponsored by national network of industry experts, university, non-government organizations, and government agencies. Explored science, economics, and policy of contemporary forest issues.

Community Volunteer

City of Corvallis 2000-2001

*Mediated successful name change of Squaw Creek to a mutually acceptable Calapooia Indian term for female elders; Dunawi Creek.

*Involved cross-cultural communication with the Confederated Tribes of Siletz, and the Confederated Tribes of Grande Rhonde, as well as government officials at the state and federal level of the Geographic Names Board, the Benton County Board of Commissioners, and the Corvallis City Council.

Intern

Coquille Indian Tribe Summer 2002

*Worked in the Tribal offices and on site at reservation wetlands and reservoirs.

*Sorted, filed, and classified Environmental Protection Impact documentation.

HONORS AND AWARDS

2001 Volunteer of the Year

National Association for the Advancement of Colored Peoples, Corvallis Oregon Branch

- 2001 *Recipient*, Oregon State Sports Lottery Scholarship
- 2000 Member, Inducted into Golden Key National Honor Society