U.S. ENVIRONMENTAL PROTECTION AGENCY

CAL TRANS (YURO 005)
YUROK TRIBE
Contract No. EP-W-07-104
Work Assignment LS-0020

SITE ASSESSMENT REPORT
REVISION 0
SEPTEMBER 2010

Prepared for:

U.S. Environmental Protection Agency
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ACRONYMS AND ABBREVIATIONS

'	minutes
°	degrees
bgs	below ground surface
BIA	Bureau of Indian Affairs
BIA	Bureau of Indian Affairs
Bristol	Bristol Environmental Remediation Services, LLC
BTEX	benzene, toluene, ethylbenzene, and xylenes
COC	contaminant of concern
DRO	diesel-range organics
EDB	1,2-Dibromoethane
EPA	U.S. Environmental Protection Agency
GRO	gasoline range organics
IDW	investigation-derived waste
LEL	lower explosive limit
LUST	leaking underground storage tank
MS	matrix spike
MSD	matrix spike duplicate
NAGPRA	Native American Graves Protection and Repatriation Act
NHPA	National Historic Preservation Act
O_2	oxygen
ORO	oil range organics
PCB	polychlorinated biphenyls
PID	photoionization detector
PQLs	practical quantitation limit
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
RSLs	regional screening levels
SVOC	semivolatile organic compound
SW	EPA solid waste method

ACRONYMS AND ABBREVIATIONS (continued)

TestAmerica	TestAmerica Laboratories, Inc.
THPO	Tribal Heritage Preservation Officer
TPH	total petroleum hydrocarbon
UST	underground storage tank
VOC	volatile organic compound
YTEP	Yurok Tribal Environmental Program

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) retained Bristol Environmental Remediation Services, LLC (Bristol) to prepare this Site Assessment Report to detail the site assessment activities conducted at a potential leaking underground storage tank (LUST) site on the Yurok Reservation in Weitchpec, California (Figure 1). The site assessment was conducted to evaluate if releases from potential LUSTs have occurred and, if so, to evaluate the type and extent of contamination and recommend corrective actions. The Yurok Tribe is only one of several reservations where Bristol is conducting site assessments on potential LUST sites on Indian Lands throughout EPA Region 9. The EPA assigned this project to Bristol as Work Assignment No. LS-0020 under Contract No. EP-W-07-104.

This report describes the site assessment that was conducted by Bristol on June 21, 2010, at the Cal Trans (also known as the former Brizard's Store) potential LUST site. Information presented includes a description of activities conducted, as well as file information, photographic documentation, site conditions, sample locations, analytical results, and recommendations for further action.

Except where noted, field activities were conducted in accordance with the requirements in the Site Assessment Plan (Bristol, 2010a), Quality Assurance Plan (Bristol, 2010b), and Site Health and Safety Plan (Bristol, 2010c) prepared by Bristol.

1.1 OBJECTIVES

The primary objective of the project was to conduct a site assessment and/or corrective action to evaluate the presence of petroleum hydrocarbon releases into the soil and groundwater. To verify if a release occurred at the site, all underground storage tank (UST), piping, and dispenser islands were to be removed to allow sampling beneath.

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2.0 BACKGROUND

The following section presents the background of the site, including site setting, site history, contaminants of concern (COCs), physical setting, groundwater hydrology, and release history.

2.1 SITE SETTING

The Cal Trans site (also known as the Former Brizard's Store, and as the EPA Facility Identification YURO 005) is located on the Yurok Indian Reservation in Weitchpec, California (Figure 1). The site is located on the east side of State Route 169, just south of the turnoff for Weitchpec Road, at latitude 41 degrees (°) 11 minutes (') 18.06 seconds (") north, longitude 123° 42' 30.82" west. It is a former village site. Currently, the area around the site is used for residential purposes. The grounds associated with the former village are sacred. A ceremonial dance area and two fenced graveyards are located directly across the highway (Highway 169) from the site.

2.2 SITE HISTORY

The only available records on the site, which were obtained from the Humboldt County Assessor's office and date back to 1956, indicate that a store called "Brizard's" originally operated at the site. The store was in business from the early 1900s until sometime before the 1970s, and operated two 500-gallon USTs.

The Bureau of Indian Affairs (BIA) first leased the land to Thelma McLaughlin (mother of current resident) on September 19, 1974. The Yurok Tribe took over the land from BIA in 1988. Lonny and Terry McLaughlin (current residents) took over the lease around the same time. Gas pumping operations stopped well before the 1970s. It is not known when the UST was taken out of operation. According to EPA records, the former Brizard's Store sold gasoline and burned down in the 1950s.

In 2005, Spectrum Geophysics (Spectrum) conducted an electromagnetic geophysical survey at the site during the course of a Preliminary Site Investigation for a nearby highway improvement project. The geophysical survey identified the location of two potential USTs, identified as Anomaly A and Anomaly B (Figure 2).

Geocon Consultants, Inc. (Geocon) followed up on Anomaly A by manual digging, and identified piping and a UST near the former dispenser/Anomaly A location. The Anomaly A UST was found to be located on or near the shoulder of Highway 169. The top of the UST was reported to have been found approximately 3.5 feet below ground surface (bgs), the diameter of the UST was measured at approximately 40 inches, and approximately 32 inches of fuel having a gasoline odor was reportedly present. The length of the UST was not determined, and so the capacity of the UST and the volume of the liquid present in the UST was unknown.

Anomaly B is located within the footprint of the former Brizard's Store. The anomaly was reported as possibly being a fuel UST, septic tank, metal debris from the burned building, or other material. The report showed Anomaly B as being the weaker of the two anomalies.

2.3 RELEASE HISTORY

Because of the lack of records on the site, the history of petroleum releases is unknown. The Caltrans Report (March 2005) by Geocon-Preliminary Site Investigation provided information on the potential sources of contamination at the site. The report found one UST and piping with product in them, and one UST was suspected to be within the footprint of the old store. There was also confirmed lead in soil, and the highest level detected was near the anomaly of the suspected UST.

2.4 CONTAMINANTS OF CONCERN

The primary COCs at the site are petroleum hydrocarbons. The specific COCs related to gasoline storage include volatile organic compounds (VOCs), such as benzene, toluene, ethylbenzene, and xylenes (BTEX), 1,2-Dibromoethane (EDB), total petroleum hydrocarbons (TPH) (specifically gasoline range) and Resource Conservation and Recovery Act (RCRA) 8 Metals, such as lead and chromium. Due to the age of the site, it was assumed that the gasoline stored in the UST was leaded gasoline. Consequently, soil samples collected during the site assessment were to have been analyzed only for VOCs, TPH (gasoline range), and RCRA 8 Metals.

If during the assessment it was suspected that the UST may have contained diesel and/or used oil, then the soil samples were to also have been analyzed for semivolatile organic compounds (SVOCs), TPH (diesel range and oil range), and polychlorinated biphenyls (PCBs).

2.5 PHYSICAL SETTING

The site appeared as a vacant lot adjacent to State Route 169 (Figure 3). The infrastructure remaining on the site, immediately prior to site assessment activities, included one small dispenser island. The site grounds consisted primarily of weeds. Brush piles and miscellaneous debris (such as a pickup bed topper) were present at the site as were several large boulders, which were located along the southeastern portion of the site.

During a February 2009 site visit, Bristol observed a mobile home on the southeastern end of the site and a wooden fence that paralleled the highway and extended approximately 30 feet from the southeastern edge of Anomaly A toward the mobile home. Sometime between the February 2009 site visit and the June 2010 site assessment, the mobile home and fence had been removed, and the boulders that are present at the site had been emplaced.

2.6 GEOLOGY

A sandy silt with gravel and cobbles was encountered at the site during site assessment activities. Bedrock was not encountered there.

2.7 GROUNDWATER HYDROLOGY

Groundwater was not encountered during excavation activities at the site, and depth to groundwater was not determined in the field. Based on topography, the direction of groundwater flow may be toward the south. Potential receptors include the Klamath River, located approximately 750 feet south of the site. Weitchpec Creek, approximately 100 feet from the site, feeds into the Klamath River.

2.8 NATIONAL HISTORIC PRESERVATION ACT COMPLIANCE REQUIREMENTS

Before site work could commence at this culturally sensitive site, several requirements had to be met. Included in Appendix A are several documents providing approval and/or procedures that were followed during the course of the site assessment:

- The Yurok Protocol for Inadvertent Discovery, which includes procedures for notifying the Yurok Tribe of an inadvertent discovery of human remains, associated and/or unassociated funerary items, and cultural items.
- The Native American Graves Protection and Repatriation Act (NAGPRA) Plan of Action, which addresses the treatment of NAGPRA cultural items, as well as examples of objects considered as cultural items.
- The Tribal Heritage Preservation Officer (THPO) Concurrence Letter, in which the EPA has made a final determination of effect for the proposed site work per National Historic Preservation Act (NHPA) Section 106 of: No Adverse Effect With Conditions. This determination was made following review of the study "Cultural Resources Inventory and Determination of Eligibility of the Weitspus Traditional Cultural Property for the EPA Weitchpec Underground Storage Tank Removal Project" conducted by Ms. Katherine Sloan of the Yurok Tribe Environmental Program (YTEP). Mr. Robert B. McConnell, THPO, concurred with the EPA letter.
- Yurok Tribe Cultural Resources Management Permit Application Package – Submitted by the EPA to THPO for NHPA Section 106 Determination of Effect.

All documents present in Appendix A were followed by all workers on site. A cultural anthropologist was present during site assessment activities in case items of cultural significance were discovered.

All soil removed from the excavation, with the exception of less than one cubic yard of potentially petroleum-contaminated soil, was returned to the excavation. No items of cultural significance were discovered at the site.

3.0 SITE ASSESSMENT ACTIVITIES

Site assessment activities performed on June 21, 2010, included:

- Locating 1 UST, associated piping, and 1 dispenser island;
- Removing 1 UST, associated piping, and 1 dispenser island;
- Collecting soil samples from beneath the former dispenser location and from beneath the ends of the UST; and
- Transporting investigation-derived waste (IDW), including one UST, piping, and potentially petroleum-contaminated soil for recycling, treatment, or disposal to an approved off-site facility.

Field activities are documented in site photographs (Appendix B).

3.1 LOCATING THE UST, ASSOCIATED PIPING, AND DISPENSER ISLAND

As explained in Section 2.2 of this report, Spectrum conducted an electromagnetic geophysical survey at the site in 2005. Based on the information contained in their report, as well as the information contained in the subsequent Geocon report, Bristol scanned the site for buried metallic objects using a Schonstedt-brand magnetic locator.

The only location where the locator signaled the presence of metal was in the area identified in the geophysics investigation as Anomaly A. The location of the UST, as well as the location of the two pipes that ran from the UST to the dispenser island, were then flagged by Bristol. A backhoe was used to uncover the dispenser island; the length of the piping running from the dispenser island to the UST was then uncovered by backhoe and by shovel. The top of the UST was uncovered using the backhoe.

The two pipes were found at a depth of approximately 1.5 feet bgs. Both pipes originated at the dispenser island, were parallel and adjacent to each other, and approximately five feet in length. The vent pipe ended at the UST at a horizontal tee. The dispenser pipe was connected to a vertical pipe, which led into the UST. The top of the UST was approximately 2.5 feet bgs, and the bottom of the UST was approximately 6.5 feet bgs. The length of the UST measured at 46 inches, and the diameter measured at 72 inches. The volume of the UST was calculated to be 500 gallons.

Bristol thoroughly scanned the Anomaly B area for metal using the magnetic locator. There were no indications of metallic objects in the area. A test trench, approximately 18 feet long, two feet deep, and two feet wide, was dug between the Anomaly A and Anomaly B areas to ensure that there were no dispenser pipes running from the dispenser island to the southeast to a potential UST in the Anomaly B area. No pipes, USTs, or other metallic objects were found during trenching activities. The trench was then backfilled with the soil that had been excavated.

3.2 REMOVAL ACTIVITIES

3.2.1 Removing the UST, Associated Piping, and Dispenser Island

Excavation and infrastructure removal activities included the removal of one dispenser island and associated piping. The dispenser island was approximately six feet in length, severely deteriorated, and easily broken and removed. The piping was rusty and contained no liquid. There were no joints present in the piping other than those located at the ends beneath the dispenser island and at the UST.

The UST was found to be severely corroded and very thin. A hole, resulting from corrosion or possibly from a backhoe bucket tooth, was present in the top of the UST. A liquid having the slight odor of weathered gasoline or possibly diesel, was detected in the UST. Approximately 180 gallons of liquid having a brownish color was pumped from the UST and transferred to 55-gallon drums for transport and disposal. There was no indication of the presence of product or sheen on the liquid that was removed from the UST.

Following removal of the liquid, the inside of the UST was rinsed with a power washer three times and pumped after each rinsing. The rinse water was transferred to 55-gallon drums for transport and disposal. Following the final pumping, oxygen (O_2) and lower explosive limit (LEL) were measured at various depths in the UST to ensure that no combustible vapors were present before the UST was removed from the ground. The oxygen concentration was found to be 19.9 percent and the LEL was found to be 2 percent. The readings were within the acceptable ranges specified in the work plan.

After the interior of the UST had been cleaned, a backhoe was used to remove the soil from both sides as well as the northeast end of the UST so that the UST could be removed from the ground. The soil was temporarily stockpiled on site to be used later for backfill. The soil was screened using a photoionization detector (PID) as it was removed from the excavation and no contamination was detected. Because of the deteriorated condition of the UST, it could not be transported whole on a trailer. Instead, the backhoe bucket was used to crush the UST on site, and the UST was placed in the back of a flatbed truck, along with the piping and other IDW.

3.2.2 Off-site Disposal

IDW generated from the site assessment included the UST, piping, liquid initially present in the UST and rinse water from the UST, concrete from the dispenser island, minor amounts of contaminated soil and scale, and miscellaneous materials such as sample gloves.

The IDW was removed from the site by NCR Environmental Services, Inc., and transported to General Environmental Management of Rancho Cordova, LLC, located in Rancho Cordova, California. Disposal documentation is provided in Appendix C.

3.3 SOIL SAMPLING

All soil samples collected for laboratory analysis were submitted to TestAmerica Laboratories, Inc. (TestAmerica) in Phoenix, Arizona. Analytes and analytical methods for the soil samples included VOCs by EPA Solid Waste Method (SW) 8260B and TPH by EPA Method 8015B. EDB and BTEX were included in the SW8260B analyses. TPH was reported as gasoline range organics (GRO), diesel range organics (DRO), and oil range organics (ORO). In addition, samples were analyzed for RCRA 8 Metals by SW6010B (Mercury by 7471A), SVOCs by SW8270C, and polychlorinated biphenyls (PCBs) by SW8082. It was not originally planned that the analysis would include SVOCs and PCBs. However, because the liquid in the UST had a slight diesel odor, and because the work plan called for the addition of the analytes should it be suspected that the UST may have contained diesel and/or used oil, Bristol determined that these analyses should be included. The YTEP's director concurred with the decision.

3.3.1 Field Screening

Grab samples of soil were collected from beneath the ends of the UST for field screening purposes. Grab samples were also collected beneath the former fuel dispenser where the two pipes terminated (Figure 3). Additionally, field screening samples were collected from the excavated soil.

Bag headspace VOC concentrations were measured, using a RAE Systems MiniRAE 3000 PID, by placing the loose soil in labeled plastic Ziploc® bags. The bags were sealed, the soil was agitated, and the PID probe was inserted into each bag to obtain measurements of the total VOC concentrations.

3.3.2 Soil Sample Collection

Three soil samples (Yurok1, Yurok2, and Yurok3) and one duplicate soil sample (Yurok4) were collected for laboratory analysis. One soil sample was collected from beneath each of the ends of the UST, one soil sample was collected from beneath the dispenser island, and one duplicate sample was collected (Figure 3). The soil samples collected from beneath the ends of the UST were collected from a depth of two feet beneath the UST, and the soil sample collected from beneath the dispenser island was collected from a depth of two feet beneath the end of the dispenser pipe. Soil samples were submitted to TestAmerica in Phoenix for analysis.

Approved sampling protocols were followed during sampling.

Beneath the northeast end of the UST, which is the end of the UST where both pipes from the dispenser island terminated, a possible stained area was observed in the soil. As a precaution, a minimal amount of soil was removed and disposed of along with the UST contents. The sample (Yurok3) collected in this area was collected from approximately two feet beneath the potentially stained area.

3.3.3 Quality Assurance/Quality Control Samples

Quality Assurance/Quality Control (QA/QC) samples collected during sampling activities at the site consisted of a duplicate sample, matrix spike, and matrix spike duplicate (MS/MSD).

Laboratory-prepared method blanks, laboratory control samples, and laboratory control sample duplicates were also part of the QA/QC program.

Field duplicates were to be collected at a rate of 10 percent, and MS/MSD pairs were to be collected at a rate of 5 percent. The field duplicate percentage and the MS/MSD percentage were both met.

QA/QC analytical results are discussed in the Data Verification Report presented in Appendix D. The laboratory data package is presented in Appendix E.

3.4 DEVIATIONS FROM THE SITE ASSESSMENT PLAN

No deviations were noted.

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4.0 FINDINGS

The following section presents the findings of the site assessment, including analytical data, a summary of the data verification report, and a summary of the nature and extent of contamination.

4.1 ANALYTICAL DATA

Concentrations of BTEX, GRO, DRO, VOCs, SVOCs, and PCBs were not detected at concentrations above practical quantitation limits (PQLs) in any of the soil samples submitted to the laboratory for analysis (Table 1 and Appendix E). The metals barium chromium, lead, and mercury were detected at concentrations above PQLs, but at concentrations that were below action levels.

4.2 DATA VERIFICATION REPORT

The data verification found most data usable as delivered by the analytical laboratories. Some data required qualification, and have been flagged appropriately. Data are presented with appropriate qualifiers on Table 1 and in the Data Verification Report presented in Appendix D.

4.3 CONCLUSIONS/RECOMMENDATIONS

Based on the data gathered at the site and analytical results from soil samples collected, soil at the site does not contain any COCs at concentrations above EPA regional screening levels (RSLs).

Based on the data gathered at the site and analytical results from soil samples collected at the site, all COCs in soils remaining on the site were below RSLs. It is recommended that no further action be taken at the site at this time.

Table 1 Cal Trans Site Selected Soil Analytical Results

Sample ID	Location	Depth	PID	GRO	DRO	ORO	Benzene	Ethylbenzene	Toluene	Xylenes, total
			Method:	**EPA 8015B**	**EPA 8015B**	**EPA 8015B**	**SW8260B**	**SW8260B**	**SW8260B**	**SW8260B**
			Units:	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
			EPA RSL[1]:	**83***	**83***	**370***	**1.1**	**5.4**	**520**	**600**
Yurok1	Dispenser	3.5	2.3	ND (24)	ND (30)	ND (90) J	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)
Yurok2	Tank	8.5	1.0	ND (24)	ND (30) JL	ND (91) J	ND (0.060)	ND (0.060)	ND (0.060)	ND (0.060)
Yurok3	Tank	8.5	2.0	ND (24)	ND (30)	ND (89) J	ND (0.060)	ND (0.060)	ND (0.060)	ND (0.060)
Yurok4[†]	Tank	8.5	NA	ND (26)	ND (29)	99 J	ND (0.058)	ND (0.058)	ND (0.058)	ND (0.058)

Notes:

The analytical laboratory was TestAmerica Laboratories, Inc. in Phoenix, Arizona.

All depths in feet below ground surface.

*Based on groundwater as a current or potential source of drinking water from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* (May 2008), California Regional Water Quality Board, San Francisco Bay Regional Water Quality Control Board, California EPA Website: http://www.waterboards.ca.gov/sanfranciscobay/esl.shtml.

[†] Duplicate sample of Yurok3

[1]EPA Region 9 RSL Table (December 2009)

DRO = diesel range organics
EPA = U.S. Environmental Protection Agency
GRO = gasoline range organics
ID = sample identification
J = estimated value
JL = estimated value with low bias
mg/kg = milligrams per kilogram
NA = not applicable
ND = not detected at concentrations exceeding the PQL (shown in parentheses)
ORO = oil range organics
PID = photoionization detector
PQL = practical quantitation limit
RSL = Regional screening level
SW = EPA Solid Waste Method

5.0 REFERENCES

Bristol Environmental Remediation Services, LLC (Bristol). 2010a (March). *Site Assessment Plan for LUST Sites in Indian Country.*

Bristol. 2010b (March). *Quality Assurance Project Plan for LUST Site Assessments in Indian Country.*

Bristol. 2010c (March). *Site Health and Safety Plan for LUST Site Assessments in Indian Country.*

Geocon Consultants, Inc. 2005 (March). *Naturally Occurring Asbestos, Underground Storage Tank, Lead-in-Soil, and Ash Preliminary Site Investigation Report.*

Spectrum Geophysics. 2005 (February). *Results of Geophysics Investigation, Vacant Lot, Highway 169 at Highway 96, Weitchpec, California.*

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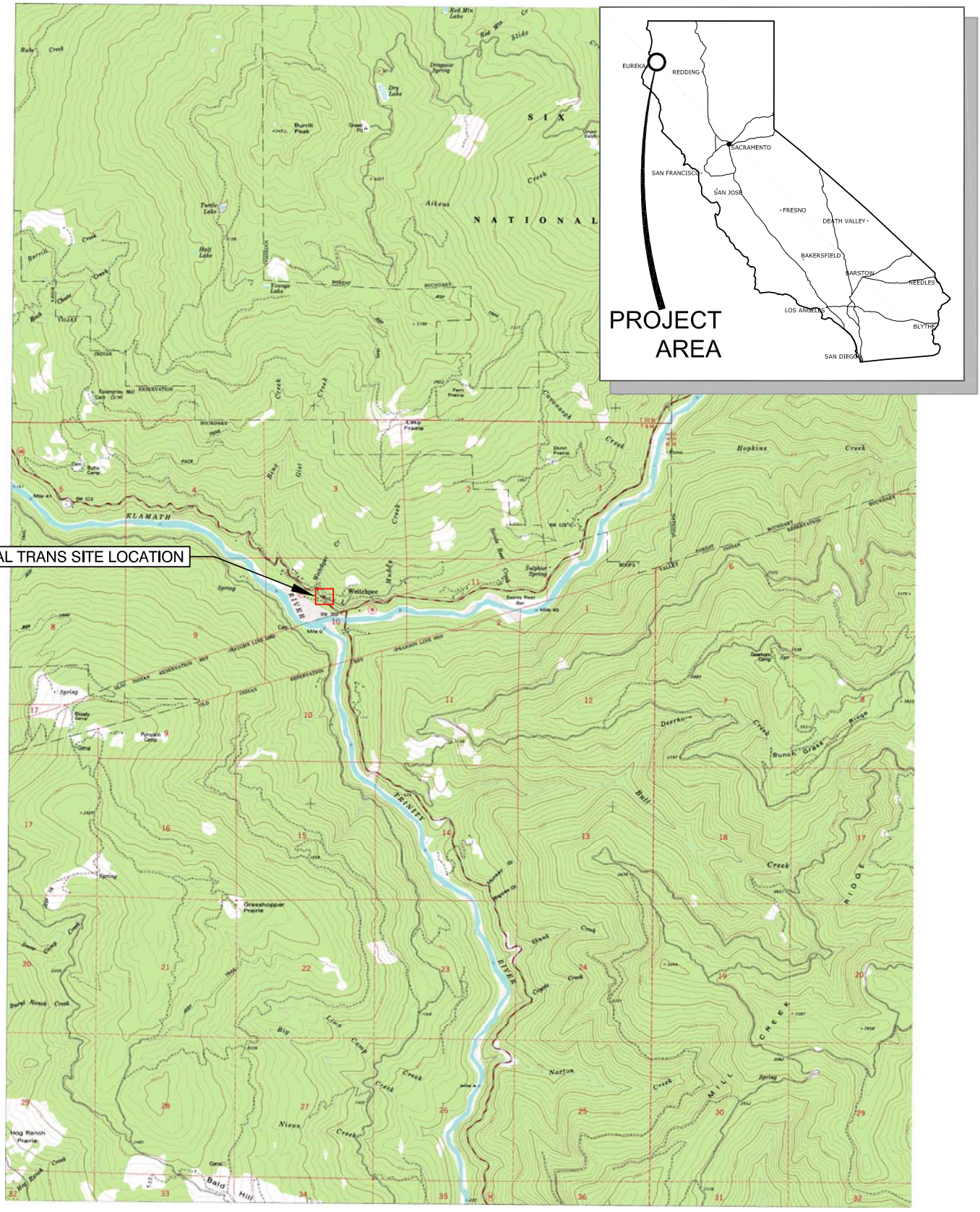
FIGURES

Figure 1 Site Location
Figure 2 Cal Trans Geophysics Anomaly Areas
Figure 3 Site Plan



TOPO REFERENCE
WEITCHPEC
(CA) Topo Quad
Orig Date: 1997
Quad series: 7.5'
Paper source: Topographic 1:24,000

N

0 0.5 1

1"= 1 MILE

FIGURE 1
YUROK TRIBE (YURO 005)
WEITCHPEC, CALIFORNIA
CAL TRANS SITE LOCATION

Bristol
ENVIRONMENTAL
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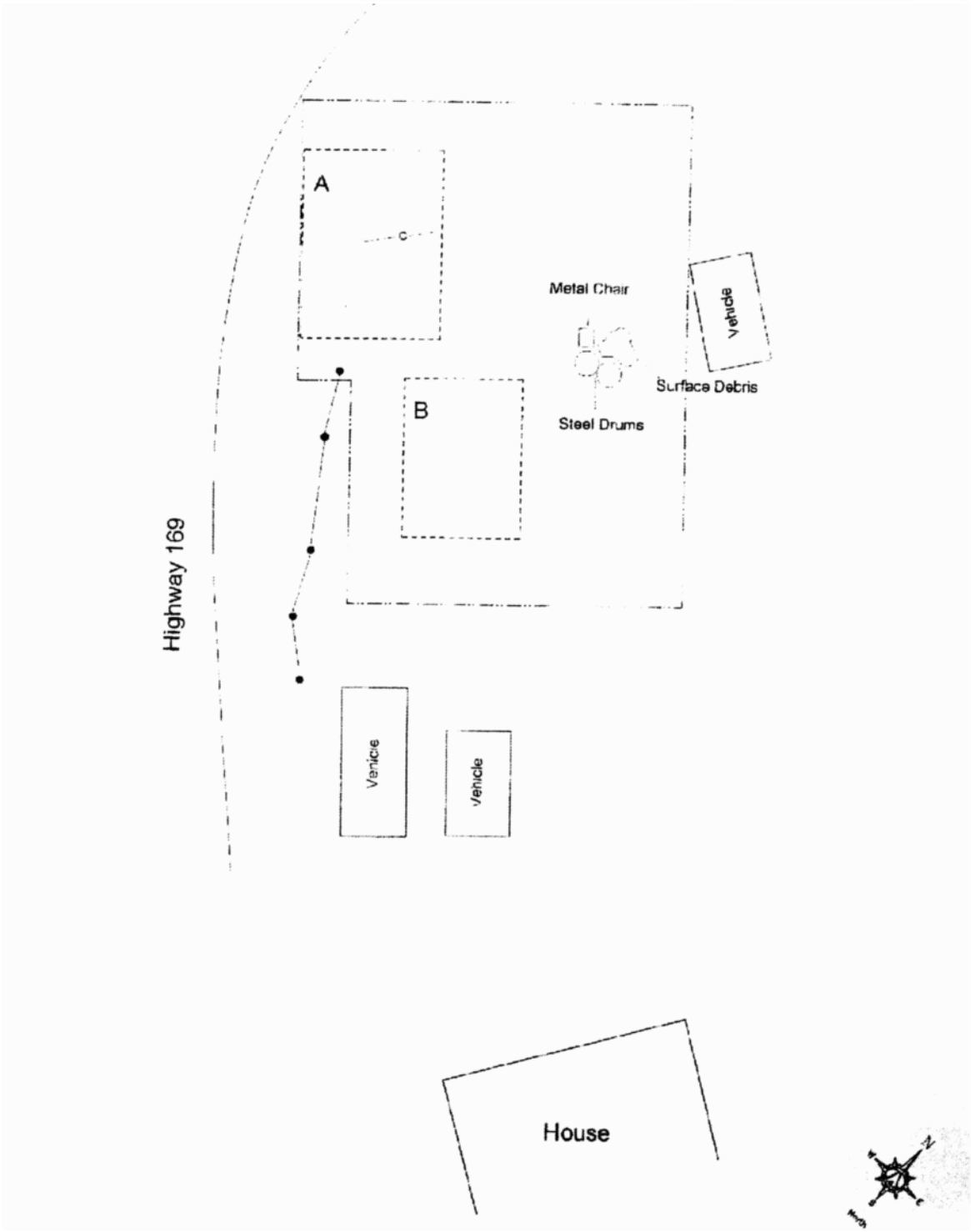
Phone (907) 563-0013 Fax (907) 563-6713
Project No. 410057

DATUM: NA
PROJECTION: NA

DATE 09/08/10
DWN. MTG
SCALE SHOWN
APPRVD. JSR

Drawing: O:\JOBS\410057 EPA LS20 CALTVACAD-ENVIRO\YURUK-JAN10\DWG\410057-FIG1-SEPT10.DWG - Layout: 410057-FIG1-SEPT10
User: MGARCIA Oct 11, 2010 - 3:25pm Xrefs: - Images: WEITCHPEC_CA_COLLARLESS_24K.TIF



SOURCE:
SPECTRUM GEOPHYSICS,
FIGURE 1, AREA OF GEOPHYSICAL INVESTIGATION
DATE: 02/10/2005

NOT TO SCALE

FIGURE 2
YUROK TRIBE (YURO 005)
WEITCHPEC, CALIFORNIA
CAL TRANS GEOPHYSICS ANOMALY AREAS

Bristol
ENVIRONMENTAL
REMEDIATION SERVICES, LLC
Phone (907) 563-0013 Fax (907) 563-6713
Project No. 410057

DATUM: NA
PROJECTION: NA

DATE 09/08/10
DWN. MTG
SCALE NTS
APPRVD. JSR

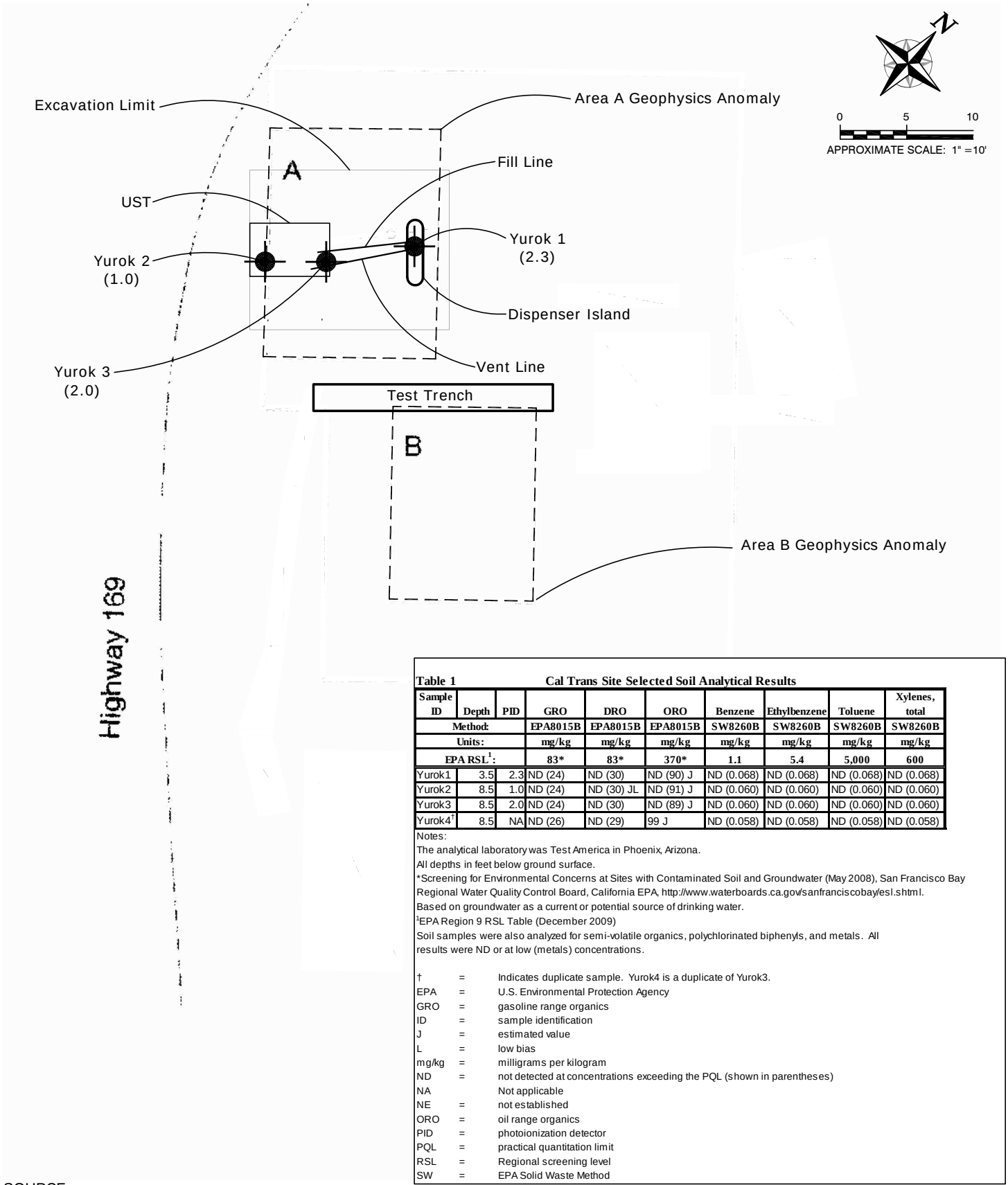


Table 1 **Cal Trans Site Selected Soil Analytical Results**

Sample ID	Depth	PID	GRO	DRO	ORO	Benzene	Ethylbenzene	Toluene	Xylenes, total
Method:			EPA8015B	EPA8015B	EPA8015B	SW8260B	SW8260B	SW8260B	SW8260B
Units:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EPA RSL[1]:			83*	83*	370*	1.1	5.4	5,000	600
Yurok1	3.5	2.3	ND (24)	ND (30)	ND (90) J	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)
Yurok2	8.5	1.0	ND (24)	ND (30) JL	ND (91) J	ND (0.060)	ND (0.060)	ND (0.060)	ND (0.060)
Yurok3	8.5	2.0	ND (24)	ND (30)	ND (89) J	ND (0.060)	ND (0.060)	ND (0.060)	ND (0.060)
Yurok4†	8.5	NA	ND (26)	ND (29)	99 J	ND (0.058)	ND (0.058)	ND (0.058)	ND (0.058)

Notes:
The analytical laboratory was Test America in Phoenix, Arizona.
All depths in feet below ground surface.
*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (May 2008), San Francisco Bay Regional Water Quality Control Board, California EPA, http://www.waterboards.ca.gov/sanfranciscobay/esl.shtml.
Based on groundwater as a current or potential source of drinking water.
[1]EPA Region 9 RSL Table (December 2009)
Soil samples were also analyzed for semi-volatile organics, polychlorinated biphenyls, and metals. All results were ND or at low (metals) concentrations.

†	=	Indicates duplicate sample. Yurok4 is a duplicate of Yurok3.
EPA	=	U.S. Environmental Protection Agency
GRO	=	gasoline range organics
ID	=	sample identification
J	=	estimated value
L	=	low bias
mg/kg	=	milligrams per kilogram
ND	=	not detected at concentrations exceeding the PQL (shown in parentheses)
NA		Not applicable
NE	=	not established
ORO	=	oil range organics
PID	=	photoionization detector
PQL	=	practical quantitation limit
RSL	=	Regional screening level
SW	=	EPA Solid Waste Method

SOURCE:
SPECTRUM GEOPHYSICS,
FIGURE 1, AREA OF GEOPHYSICAL INVESTIGATION
DATE: 02/10/2005

Legend

Sample Location with PID Measurement show in parenthesis (is ppm)
ppm parts per million
PID photoionization detector

FIGURE 3
YUROK TRIBE (YURO 005)
WEITCHPEC, CALIFORNIA
SITE PLAN

Bristol
ENVIRONMENTAL
REMEDIATION SERVICES, LLC
Phone (907) 563-0013 Fax (907) 563-6713
Project No. 410057

DATUM: NA
PROJECTION: NA
DATE 09/08/10
DWN. MTG
SCALE SHOWN
APPRVD. JSR

APPENDIX A

National Historic Preservation Act Documentation
Yurok Tribe

APPENDIX B

Site Photographs

Photo 01: Cal Trans site prior to UST removal. Highway 169 is in the foreground.
Direction: North

Date: 6/21/10
Photographer: S. Ruth

Photo 02: Uncovering the piping that connected the UST to the dispenser island (foreground).
Direction: South

Date: 6/21/10
Photographer: S. Ruth

Photo 03: Removing soil from the northwest side of the UST. Note the far end of the pipe where the dispenser island was located.
Direction: North

Date: 6/21/10
Photographer: S. Ruth

Photo 04: Removing contents of the UST. Followed by triple rinsing and final pumping.
Direction: North

Date: 6/21/10
Photographer: S. Ruth

Photo 05: Removing the empty, badly deteriorated UST following removal of contents and triple rinsing.
Direction: Northeast

Date: 6/21/10
Photographer: S. Ruth

Photo 06: UST excavation after UST removal and prior to backfilling.
Direction: Northeast

Date: 6/21/10
Photographer: S. Ruth

Photo 07: Checking for artifacts in the test trench. **Date:** 6/21/10
Direction: Southwest **Photographer:** S. Ruth

Photo 08: Site following assessment activities and final grading. **Date:** 6/21/10
Direction: Northeast **Photographer:** S. Ruth

APPENDIX C

Waste Disposal Documentation

Please print or type. (Form designed for use on elite (12-pitch) type.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IRC 081015003
2. Page 1 of: 1
3. Emergency Response Phone: 800-337-7455
4. Manifest Tracking Number: 005301298 JJK

GENERATOR

5. Generator's Name and Mailing Address: YUROK Tribe Reservation, 23001 State HWY 96, Hoopa CA 95546
Generator's Phone: (707) 482 1350

Generator's Site Address (if different than mailing address): Section 13 Township 10N Range
Lat / 41° 11' 18" N
Long: 123° 42' 30" W

6. Transporter 1 Company Name: NRC Environmental Services Inc.
U.S. EPA ID Number: CAR000030114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: GEM Rancho Cordova LLC, 11855 White Rock Road, Rancho Cordova, CA 95742
Facility's Phone: 916-351-0980
U.S. EPA ID Number: CAD980884183

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ Waste Gasoline Mixture, 3 UN1203, PG II (0001)	005	DM	240	G	0001	331	
						0018		
	2. NON-RCRA Hazardous Waste Solid (PPE & Debris contaminated w/ trace Hydrocarbons	001	DM	0400	P	352		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
JOB# 51877
961.5 x 55gal, liquid, Pro# NRC0013, DM# JB-01
962 1 x 55gal, solid, Pro# NRC0012, DM#

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JACK BRANDINI
Signature: Jack Brandini
Month: 06 Day: 21 Year: 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Cris Neal
Signature:
Month: 6 Day: 21 Year: 10
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

GEM Rancho Cordova LLC

11855 White Rock Road
Rancho Cordova, CA 95742
Office (916) 351-0980, Fax (916) 313-3211

GENERATORS WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

PROFILE NUMBER: NRC0012

A. GENERATOR INFORMATION:

Generator Name: Yurok Tribe
Facility Address 23001 St. Hwy 96
City Hoopa State CA Zip 95546
Customer Name _____
Customer Phone _____
Customer Fax _____
Generator USEPA/Federal ID #: IRC 08/01/5003
Generator's S.I.C. Code (4 Digit): _____

BILLING INFORMATION:

Bil'
Bil *NRC Environmental Services, Inc*
Cit *Attn: Mr. Alex Neel*
Bil *1111 Marauder Street*
Bil *Chico, California 95973*
Bil
GEM Sales Rep: _____

B. WASTE STREAM INFORMATION:

Name of the Waste: Debris contaminated with trace Hydrocarbons
Original Process Generating Waste: PPE & Plastic, Rags, contaminated w/ cleaning solution & trace Hydrocarbons from cleaning of a UST
Is it a Lab-Pack? ____ Yes X No If "Yes", attached inventory sheet(s) and skip to Section H.
Is a representative sample provided? ____ Yes X No Is a MSDS attached? ____ Yes X No
Is there any Analytical attached? TCLP ____ Yes X No Other ____ Yes X No

C. GENERAL CHARACTERISTICS:

Color: White/Clear
Odor: slight gas
X None
____ Mild
____ Strong

Physical state @70 F
____ % Liquid
____ % Sludge
100 % Solid
____ % Powder
____ % Gas (Other)
____ % Other

Phases
X Single layer
____ Multi layer
____ How Many?

Btu/lb
X <3000
____ 3000-5000
____ 5000-10,000
____ >10,000

PH: ____ <2.0 ____ 2.0 to 4.0 X 4.0 to 10.0 ____ 10.0 to 12.5 ____ >12.5
Liquid Flash point: ____ <73 °F ____ 73 to 99 °F ____ 100 to 139 °F ____ 140 to 200 °F ____ >200 °F X None
Specific Gravity 1 % Total Halogens _____

D. CHEMICAL COMPOSITION:

Constituents	Min%	Max%	Constituents	Min%	Max%
PPE	10	50			
Plastic	10	50			
Rags	0	5			

E. OTHER WASTE STREAM INFORMATION:

Is this waste "Used Oil"? ____ Yes X No
If "Yes", does the oil contain Polychlorinated Biphenyls? _____ Yes _____ No
If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761?
Does the total halogen content exceed 1,000 ppm? _____ Yes _____ No
If "Yes", can you identify the "chlorinated constituent" present in the oil? _____
Does the Waste have any of the following characteristics? (Please check all that apply)

____Oxidizer ____Organic Peroxide ____Water Reactive ____Air Reactive ____Pyrophoric ____Dioxin
____Radioactive ____Infectious ____Pathogen ____Carcinogen ____Etiological ____ Cyanides
____Explosive ____Shock Sensitive ____Undergo Hazardous Polymerization ____Cylinder ____Aerosols

GEM
Rancho Cordova LLC

F. OTHER WASTE STREAM INFORMATION CONTINUED:

Is this Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) ____ Yes X No
If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) ____ Yes ____ No NA
If "No", does the Waste contain <500ppm volatile organic (VOC)? (40 CFR 265 SUBPART CC) X Yes ____ No
Does the Waste contain Class I or Class II ozone depleting substances? Yes X No

G. WASTE CHARACTERIZATION:

Is this a Non-RCRA (California-Only) "Hazardous Waste" per 22 CCR 66264? X Yes ____ No
If "Yes", please list all applicable State Waste Code(s): ____ ____ ____ 352 ____
Is this a RCRA "Hazardous Waste" per 40 CFR? ____ Yes X No
If "Yes", please list all applicable EPA Waste Code(s): ____ ____ ____ ____ ____
Is this a "Universal Waste"? ____ Yes X No

H. DOT SHIPPING INFORMATION:

Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ____Yes X No
Proper Shipping Name per 49 CFR 172.101 Hazardous Materials Table:
Non RCRA Hazardous Waste Solid (PPE & Debris contaminated w/ Trace Hydrocarbons)
Reportable Quantity (if any) ____ lbs
Hazard Class or Division No. ____ UN/NA#____ Packing Group: ____
Is this a "Poisonous Inhalation Hazard"?
If "Yes", please indicate Hazard Zone ____ Zone A ____ Zone B ____ Zone C ____Zone D Other ____
List two primary hazardous constituents: ____

I. COMMENTS:

J. GENERATOR CERTIFICATION:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazardous constituents have been disclosed. I also certify that the obtained sample is representative of the waste material described above and give GEM permission and consent to make amendment and corrections.

Name (print) JACK Biondini Title President
Signature Jack Biondini Date 06/21/10

THIS SPACE FOR GEM LLC APPROVALS DEPARTMENT ONLY

DATE RECEIVED ____/____/____ APPROVER'S NAME ____
PROCESS CODE ____ ____ PRICE ____ UNIT OF MEASURE ____
PROFILE NUMBER ____ PROPER WASTE CODES ____
YARD INSTRUCTIONS: ____NO LANDFILL CUSTOMER ____ MSDS ATTACHED ____ ANALYTICAL ATTACHED
____ PERFORM LABORATORY ANALYSIS
NOTES: ____

Rancho Cordova LLC

11855 White Rock Road
Rancho Cordova, CA 95742
Office (916) 351-0980, Fax (916) 313-3211

GENERATORS WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

PROFILE NUMBER: NRC0013

A. GENERATOR INFORMATION:

Generator Name: Yurok Tribe
Facility Address 23001 St. Hwy 96
City Hoopa State CA Zip 95546
Customer Name _____
Customer Phone _____
Customer Fax _____
Generator USEPA/Federal ID #: IRC081015003
Generator's S.I.C. Code (4 Digit): _____

BILLING INFORMATION:

Bil'
Bil *NRC Environmental Services, Inc*
Cit *Attn: Mr. Alex Neel*
Bil *1111 Marauder Street*
Bil *Chico, California 95973*
Bil
GEM Sales Rep: _____

B. WASTE STREAM INFORMATION:

Name of the Waste: Gasoline/water/solids mixture
Original Process Generating Waste: Cleaning of an underground storage Tank. last containing gasoline
Is it a Lab-Pack? _____ Yes X No If "Yes", attached inventory sheet(s) and skip to Section H.
Is a representative sample provided? _____ Yes X No Is a MSDS attached? _____ Yes X No
Is there any Analytical attached? TCLP _____ Yes X No Other _____ Yes X No

C. GENERAL CHARACTERISTICS:

Color: clear/amber
Odor: gasoline
____None
X Mild
____Strong

Physical state @70 F
50 % Liquid
< 50 % Sludge
____% Solid
____% Powder
____% Gas (Other)
____% Other

Phases
X Single layer
____Multi layer
____How Many?

Btu/lb
X <3000
____3000-5000
____5000-10,000
____>10,000

PH: ____ <2.0 ____ 2.0 to 4.0 X 4.0 to 10.0 ____ 10.0 to 12.5 ____ >12.5
Liquid Flash point: ____ <73 °F ____ 73 to 99 °F X 100 to 139 °F ____ 140 to 200 °F ____ >200 °F ____ None
Specific Gravity ~1 % Total Halogens _____

D. CHEMICAL COMPOSITION:

Constituents	Min%	Max%	Constituents	Min%	Max%
Gasoline	1	10			
water	10	80			
scale/sediment	0	30			

E. OTHER WASTE STREAM INFORMATION:

Is this waste "Used Oil"? _____ Yes X No
If "Yes", does the oil contain Polychlorinated Biphenyls? _____ Yes _____ No
If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761?
Does the total halogen content exceed 1,000 ppm? _____ Yes _____ No
If "Yes", can you identify the "chlorinated constituent" present in the oil? _____
Does the Waste have any of the following characteristics? (Please check all that apply)

____Oxidizer ____Organic Peroxide ____Water Reactive ____Air Reactive ____Pyrophoric ____Dioxin
____Radioactive ____Infectious ____Pathogen ____Carcinogen ____Etiological ____Cyanides
____Explosive ____Shock Sensitive ____Undergo Hazardous Polymerization ____Cylinder ____Aerosols

GEM
Rancho Cordova LLC

F. OTHER WASTE STREAM INFORMATION CONTINUED:

Is this Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) — X Yes ___ No
If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) — ___ Yes X No
If "No", does the Waste contain <500ppm volatile organic (VOC)? (40 CFR 265 SUBPART CC) — ___ Yes X No
Does the Waste contain Class I or Class II ozone depleting substances? — Yes X No

G. WASTE CHARACTERIZATION:

Is this a Non-RCRA (California-Only) "Hazardous Waste" per 22 CCR 66264? — ___ Yes X No
If "Yes", please list all applicable State Waste Code(s): 331
Is this a RCRA "Hazardous Waste" per 40 CFR? — X Yes ___ No
If "Yes", please list all applicable EPA Waste Code(s): D001 D018
Is this a "Universal Waste"? — ___ Yes X No

H. DOT SHIPPING INFORMATION:

Is this a U.S. Department of Transportation (USDOT) Hazardous Material? X Yes ___ No
Proper Shipping Name per 49 CFR 172.101 Hazardous Materials Table:
"RQ" Waste Gasoline Mixture, 3, UN1203, PG II (D001)
Reportable Quantity (if any) 100 lbs
Hazard Class or Division No. 3 UN/NA# UN1203 Packing Group: II
Is this a "Poisonous Inhalation Hazard"? NO.
If "Yes", please indicate Hazard Zone ___ Zone A ___ Zone B ___ Zone C ___ Zone D Other ___
List two primary hazardous constituents: ___

I. COMMENTS:

J. GENERATOR CERTIFICATION:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful omissions of composition or properties exist and that all known or suspected hazardous constituents have been disclosed. I also certify that the obtained sample is representative of the waste material described above and give GEM permission and consent to make amendment and corrections.

Name (print) JACK BIONDINI Title President
Signature Jack Biondini Date 06/21/10

THIS SPACE FOR GEM LLC APPROVALS DEPARTMENT ONLY

DATE RECEIVED ___/___/___ APPROVER'S NAME ___
PROCESS CODE ___ ___ PRICE ___ UNIT OF MEASURE ___
PROFILE NUMBER ___ PROPER WASTE CODES ___
YARD INSTRUCTIONS: ___NO LANDFILL CUSTOMER ___ MSDS ATTACHED ___ ANALYTICAL ATTACHED
___ PERFORM LABORATORY ANALYSIS
NOTES: ___

General Environmental Management, Inc.

DESIGNATED FACILITY COPY
(Must accompany the manifest)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM 1

Generator Name/Location Yurok Mine/23001 St. Hwy 96, Hoopa, CA
EPA ID Number ~~FRC~~ CA0810150003 Manifest Number 005301298
Waste Analysis Available Yes (No) On file at facility

PROFILE #	RCRA NON-REGULATED Please check if waste stream is not regulated by RCRA	RCRA WASTE CODES (List all that apply)	SUBCATEGORY (See Table II and Select Key # if applicable)	TREATABILITY GROUP Please check the applicable treatability group		REGULATED CONSTITUENTS FOR F001, F002, F003, F004, F005	UNDERLYING HAZARDOUS CONSTITUENTS FOR D001*, D002, D003*, D004-D043
				Non-wastewater >1% TOC & >1% TSS	Wastewater	List all applicable constituents from key below	List all applicable constituents from Table 1
a	b	c	d	e	f	g	h
961 NRC0013		D001 / D018	3	X			51, 137, 213, 228, 238
962 NRC0012	✓						

REGULATED CONSTITUENTS FOR F001, F002, F003, F004, F005 (for Column g)

5) Acetone
6) Benzene
7) n-Butyl Alcohol
8) Carbon Disulfide
9) Carbon Tetrachloride
10) Chlorobenzene
11) Cresols (o, m, or p isomers)
12) Cresylic Acid
13) Cyclohexanone
14) 1,2-Dichlorobenzene
15) Ethyl Acetate
16) Ethyl Benzene
17) Ethyl Ether
18) Isobutanol (Isobutyl Alcohol)
19) Methanol
20) Methylene Chloride
21) Methyl Ethyl Ketone
22) Ethyl Benzene
23) Nitrobenzene
24) Pyridine
25) Tetrachloroethylene
26) Toulene
27) 1,1,1-Trichloroethane
28) 1,1,2-Trichloroehtane
29) 1,1,2-Trichloro-1,2,2-Trifluoroethane
30) Trichloroethylene
31) Trichlorofluoromethane
32) Xylene (Total)

I certify under penalty of law that the above information is accurate and true.

Signature Jack Bundini Print Name Jack Bundini Date 06/21/10

Table 1 – UNIVERSAL TREATMENT STANDARDS
REGULATED CONSTITUENTS FOR D001*, D002, D012-D043, F039 (FOR Column h)

#	Constituent	#	Constituent	#	Constituent
33	Acenaphthylene	105	1,1-Dichloroethylene	177	5-Nitro-o-toluidine
34	Acenaphthene	106	trans-1,2-Dichloroethylene	178	o-Nitrophenol
35	Acetone	107	2,4-DichlorophenoL	179	p-Nitrophenol
36	Acetonitrile	108	2,6-Dichlorophenol	180	N-Nitrosodiethylamine
37	Acetophenone.	109	2,4-Dichlorophenoxyacetic acid/2,4-D	181	N-Nitrosodimethylamine
38	2-Acetylaminofluorene	110	1,2-Dichloropropane	182	N-Nitroso-di-n-butylamine
39	Acrolein	111	cis-1,3-Dichloropropylene	183	N-Nitrosomethylethylamine
40	Acrylamide	112	trans-1,3-Dichloropropylene	184	N-Nitrosomorpholine
41	Acrylonitrile	113	Dieldrin	185	N-Nitrosopiperidine
42	Aldrin	114	Diethyl phthalate	186	N-Nitrosopyrrolidine
43	4-Aminobiphenyl	115	p-Dimethylaminoazobenzene	187	Parathion
44	Aniline	116	2-4-Dimethyl phenol	188	Total PCBs
45	Anthracene	117	Dimethyl phthalate	189	Pentachlorobenzene
46	Aramite	118	Di-n-butyl phthalate	190	Pentachlorodibenzo-p-dioxins
47	alpha-BHC	119	1,4-Dinitrobenzene	191	Pentachlorodibenzo-furans
48	beta-BHC	120	4,6-Dinitro-o-cresol	192	Pentachloroethane
49	delta-BHC	121	2,4-Dinitrophenol	193	Pentachloronitrobenzene
50	gamma-BHC	122	2,4-Dinitrotoluene	194	Pentachlorophenol
51	Benzene	123	2,6-Dinitrotoluene	195	Phenacetin
52	Benz(a)anthracene	124	Di-n-octyl phthalate	196	Phenanthrene
53	Benzal chloride	125	Di-n-propylnitrosamine	197	Phenol
54	Benzo(b) fluoranthene	126	1,4-Dioxane	198	Phorate
55	Benzo(k) fluoranthene	127	Diphenylamine	199	Phthalic acid
56	Benzo(g,h,i)perylene	128	Diphenylnitrosamine	200	Phthalic anhydride
57	Benzo(a)pyrene	129	1,2-Diphenylhydrazine	201	Pronamide
58	Bromodichloromethane	130	Disulfoton	202	Pyrene
59	Bromomethane/Methyl bromide	131	Endosulfan I	203	Pyridine
60	4-Bromophenyl phenyl ether	132	Endosulfan II	204	Safrole
61	n-Butyl alcohol	133	Endosulfan sulfate	205	Silvex/2,4,5-TP
62	Butyl benzyl phthalate	134	Endrin	206	1,2,4,5-Tetrachlorobenzene
63	2-sec-Butyl-4,6-dinitrophenol /Dinoseb	135	Endrin aldehyde	207	Tetrachlorodi-benzo-p
64	Carbon disulfide	136	Ethyl acetate	208	Tetrachlorodibenzofurans
65	Carbon tetrachloride	137	Ethyl benzene	209	1,1,1,2-Tetrachloroethane
66	Chlordane (alpha and gamma isomers)	138	Ethyl cyanide/Propanenitrile	210	1,1,2,2-Tetrachloroethane
67	p-Chloroaniline	139	Ethyl ether	211	Tetrachloroethylene
68	Chlorobenzene	140	bis(2-Ethylhexyl) phthalate	212	2,3,4,6-Tetrachlorophenol
69	Chlorobenzilate	141	Ethyl methacrylate	213	Toluene
70	2-Chloro-1,3-butadiene	142	Ethylene oxide	214	Toxaphene
71	Chlorodibromomethane	143	Famphur	215	Tribromomethane/Bromoform.
72	Chloroethane	144	Fluoranthene	216	1,2,4-Trichlorobenzene
73	bis(2-Chloroethoxy)methane	145	Fluorene	217	1,1,1-Trichloroethane
74	bis(2-Chloroethyl)ether	146	Heptachlor	218	1,1,2-Trichloroethane
75	Chloroform.	147	Heptachlor epoxide	219	Trichloroethylene
76	bis(2-Chloroisopropyl)ether	148	Hexachlorobenzene	220	Trichloromonofluoromethane
77	p-Chloro-m-cresol	149	Hexachlorobutadiene	221	2,4,5-Trichlorophenol
78	2-Chloroethyl vinyl ether	150	Hexachlorocyclopentadiene	222	2,4,6-Trichlorophenol
79	Chloromethane/Methyl chloride	151	Hexachlorodibenzo-p-dioxins & furans	223	2,4,5-Trichlorophenoxyacetic acid/2,4,5T
80	2-Chloronaphthalene	152	Hexachloroethane	224	1,2,3-Trichloropropane
81	2-Chlorophenol	153	Hexachloropropylene	225	1,1,2-Trichloro-1,2,2-trifluoroethane
82	3-Chloropropylene	154	Indeno (1,2,3-c,d) pyrene	226	tris-(2,3-Dibromopropyl) phosphate
83	Chrysene	155	Iodomethane	227	Vinyl chloride
84	o-Cresol	156	Isobutyl alcohol	228	Xylenes-Total
85	m-Cresol	157	Isodrin	229	Antimony
86	p-Cresol	158	Isosafrole	230	Arsenic
87	Cyclohexanone	159	Kepone	231	Barium
88	o,p'-DDD	160	Methacrylonitrile	232	Beryllium
89	p,p'-DDD	161	Methanol	233	Cadmium
90	o,p'-DDE	162	Methapyrilene	234	Chromium (Total)
91	p,p'-DDE	163	Methoxychlor	235	Cyanides (Total)
92	o,p'-DDT	164	3-Methylcholanthrene	236	Cyanides (Amenable)
93	p,p'-DDT	165	4,4-Methylene bis(2-chloroaniline)	237	Fluoride
94	Dibenz(a,h)anthracene	166	Methylene chloride	238	Lead
95	Dibenz(a,e)pyrene	167	Methyl ethyl ketone	239	Mercury--Nonwastewater from Retort
96	1,2-Dibromo-3-chloropropane	168	Methyl isobutyl ketone	240	Mercury--All Others
97	1,2-Dibromoethane/Ethylene dibromide	169	Methyl methacrylate	241	Nickel
98	Dibromomethane	170	Methyl methansulfonate	242	Selenium
99	m-Dichlorobenzene	171	Methyl parathion	243	Silver
100	o-Dichlorobenzene	172	Naphthalene	244	Sulfide
101	p-Dichlorobenzene	173	2-Naphthylamine	245	Thallium
102	Dichlorodifluoromethane	174	o-Nitroaniline	246	Vanadium
103	1,1-Dichloroethane	175	p-Nitroaniline	247	Zinc
104	1,2-Dichloroethane	176	Nitrobenzene		

TABLE II

The Follow waste codes have subcategories and the appropriate key number must be selected and placed in Column d on Form No. 1. Please refer to 40 CFR 268 for exact wording of subcategories.

WASTE CODES	KEY NUMBER	SUBCATEGORY
D001	1	High TOC ignitable liquids.
	2	Low TOC ignitable liquids managed in CWA/CWA-equivalent/Class 1 SDWA systems
	3	Low TOC ignitable managed in non-CWA/non-CWA equivalent/non Class 1 SDWA systems.
D002	4	Corrosive waste managed in non-CWA/non-CWA equivalent/non-Class 1 SDWA systems.
	5	Corrosive waste managed in CWA/CWA equivalent/Class 1 SDWA systems.
D003	6	Reactive Sulfides.
	7	Other Reactives.
	8	Water Reactives.
	9	Reactive Cyanide.
D006	10	Characteristic for Cd based on extraction procedure.
	11	Cadmium containing batteries.
D008	12	Characteristic for Pb based on extraction procedure.
	13	Lead Acid Batteries.
D009	14	Low Mercury. (< 260 ppm total Hg)
	15	High Mercury. (≥ 260 ppm total Hg)
F003 F005	16	Wastes that contain only one or more of the following solvents: carbon disulfide, cyclohexanone, and/or methanol.
F025	17	Contains only 2-Nitropropane.
	18	Contains only 2-Ethoxyethanol.
K006	21	Anhydrous.
	22	Hydrated.
U151	23	Non-wastewaters that contain > 260 mg/kg total mercury.
	24	All U151 (mercury) Wastewaters.
K071	25	Non-wastewaters that are residues from RMERC.
	26	Non-wastewaters that are not residues from RMERC.
	27	All K071 Wastewaters.
P047	28	4,6-Dinitro-o-cresol.
	29	4,6-Dinitro-o-cresol salts.
P065	30	Non-wastewaters, not incinerator or RMERC residues.
	31	Non-wastewaters from RMERC w/ less than 260 ppm Hg.
	32	Non-wastewaters from incinerator residues w/ less than 260 ppm Hg.
	33	All P065 wastewaters
P092	34	Non-wastewaters, not incinerator or RMERC residues.
	35	Non-wastewaters from RMERC w/ less than 260 ppm Hg.
	36	Non-wastewaters from incinerator residues w/ less than 260 ppm. Hg.
	37	All P092 wastewaters
U240	38	2,4-D (2.4-Dichlorophenoxyacetic Acid)
	39	2,4-D (2.4-Dichlorophenoxyacetic Acid) salts and esters.

in proper condition for transportation according to the applicable regulations of the Department of Transportation.

STRAIGHT BILL OF LADING ORIGINAL – NOT NEGOTIABLE

Shipper No. 1025

Carrier No.

Date 6-21-10

NRC Environmental Services Inc.
(Name of Carrier) (SCAC)

TO: Consignee Arcata Scrap & salvage

FROM: Shipper Yurok Tribe

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1

Street 1925 G St.

Street Hwy 1869 & 96

Destination Arcata, CA Zip Code 95521

Origin Weitchpec CA Zip Code 95546

Route 707.822.4881

Vehicle Number

No. Shipping Units	* HM	Kind of Packaging, Description of Articles, Special Marks and Exceptions	Weight (Subject to Correction)	RATE	CHARGES
1		Cleaned Underground Storage Tank For Recycle	300 lbs		

REMIT C.O.D. TO: ADDRESS

C.O.D. Amt: $

C.O.D. FEE PREPAID COLLECT $

TOTAL CHARGES: $

Note: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other charges.

(Signature of Consignor)

FREIGHT CHARGES

FREIGHT PREPAID except when box at right is checked

Check Box if Charges are to be COLLECT

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Jack Biondini 06/21/10

PER JACK BIONDINI

CARRIER NRC Env. Service Inc. (NRCES)

PER

DATE 6-21-10

*Mark with "X" to designate Hazardous Material as defined in Title 49 of the Code of Federal Regulations.

UNIFIED PROGRAM CONSOLIDATED FORM

HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

Page 1 of 1

I. FACILITY IDENTIFICATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3

FACILITY ID# 1

TANK OWNER NAME 740
Yurok Tribe

TANK OWNER ADDRESS 741
23001 St. Hwy 96 Hoopa CA

TANK OWNER CITY 742 Hoopa | STATE 743 CA | ZIP CODE 744 95546

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS	Tank ID # (Attach additional copies of this page for more than three tanks)		Concentration of Flammable Vapor			Concentration of Oxygen		
			Top	Center	Bottom	Top	Center	Bottom
1	1 745		1 746a	Ø 746b	Ø 746c	19.9 747a	19.9 747b	19.9 747c
2	748		749a	749b	749c	750a	750b	750c
3	751		752a	752b	752c	753a	753b	753c

III. CERTIFICATION

On examination of the tank, I certify the tank is visually free from product, sludge, scale (thin, flaky residual of tank contents), rinsate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF CERTIFIER

NAME OF CERTIFIER (Print) 754
Cris Neal for NRC Env. Serv. Inc

TITLE OF CERTIFIER 755
Supervisor

ADDRESS 756
1111 Manauden St.

CITY 757
Chico, CA 95973

PHONE 758
530.343.5488

DATE 759
6-21-10

CERTIFICATION TIME
10:45

STATUS OR AFFILIATION OF CERTIFYING PERSON

Certifier is a representative of the CUPA, authorized agency, or LIA: 760
☐ Yes ☒ No

Name of CUPA, authorized agency, or LIA: 761

If certifier is other than CUPA / LIA check appropriate box below: 762

- ☐ a. Certified Industrial Hygienist (CIH)
- ☐ b. Certified Safety Professional (CSP)
- ☐ c. Certified Marine Chemist (CMC)
- ☐ d. Registered Environmental Health Specialist (REHS)
- ☐ e. Professional Engineer (PE)
- ☐ f. Class II Registered Environmental Assessor
- ☒ g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS 763

(If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.) ☒ Yes ☐ No

CERTIFIER'S TANK MANAGEMENT INSTRUCTIONS FOR SCRAP DEALER, DISPOSAL FACILITY, ETC: 764
Wear appropriate PPE to protect from sharp edges. Inspect tank & monitor tank Atmosphere before any hot cutting of the tank.

A copy of this certificate shall accompany the tank to the recycling / disposal facility and be provided to the CUPA. If there is no CUPA, copies shall be submitted to the LIA and authorized agency; owner / operator of the tank system; removal contractor; and the recycling / disposal facility.